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62.47

SEED ANNUAL

1915

Arlington Farm.

SEP 2
U. S. Department of Agriculture

ST LOUIS SEED CO.

411-413 WASHINGTON AVE, ST LOUIS, MO.

STECHER LITH. CO. ROCH. N.Y.

ATTENTION

We make a specialty of supplying Market Gardeners with the best strains of seeds that can be produced. We are always on the alert for a better strain, and if we find it we spare no expense in securing seed stock of it.

TERMS OF BUSINESS.

☞Remittances should be made by Post-Office Money Orders, Drafts on St. Louis banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

☞Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

☞All goods are offered subject to being unsold on receipt of order, and we reserve the right to advance prices without notice.

☞No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in St. Louis, Mo.

☞In filling out your order always give **Shipping Directions**, and write **Name** and **Address Distinctly** on each and every order.

LOW EXPRESS RATES ON PLANTS, BULBS AND SEEDS.—From St. Louis on Account of Our Central Location.

By our careful and thorough system of packing, we **Guarantee Safe Delivery** of plants and perishable goods, when ordered to be sent by **Express**, and we always ship this way unless we have positive instructions to the contrary, and **when sent in any other way, are solely at purchaser's risk.**

RATES FROM ST. LOUIS.—PARCEL POST RATE FOR SEEDS, PLANTS OR MISCELLANEOUS SUPPLIES

Local Rate.	Pounds	1	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32-33	34-35	36-37	38-39	40-41	42-43	44-45	46-47	48-49	50
	Postage	5c	6c	7c	8c	9c	10c	11c	12c	13c	14c	15c	16c	17c	18c	19c	20c	21c	22c	23c	24c	25c	26c	27c	28c	29c	30c

Zone 1 and 2 1 to 150 miles	Pounds	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	Postage	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54

	Pounds	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Zone 3 150 to 300 miles	Cents	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44
Zone 4 300 to 600 miles	Cents	7	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71	75	79	83
Zone 5 600 to 1000 miles	Cents	8	14	20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110	116	122
Zone 6 1000 to 1400 miles	Cents	9	17	25	33	41	49	57	65	73	81	89	97	105	113	121	129	137	145	153	161
Zone 7 1400 to 1800 miles	Cents	11	21	31	41	51	61	71	81	91	101	111	121	131	141	151	161	171	181	191	201

SEEDS BY PARCEL POST

(b) Parcels weighing 8 ounces or less containing seeds, bulbs, roots, and plants, 1 cent for each 2 ounces or fraction thereof, regardless of distance.

(c) Parcels weighing more than 8 ounces containing seeds, bulbs and plants, etc., according to distance or zone, at the pound rates shown in the following table, a fraction of a pound being considered a full pound:

Your postmaster will tell you the parcel post zone in which your postoffice is located, measuring from St. Louis.

PARCEL POST RATE BEANS, PEAS AND SWEET CORN

	Amount	1 pt.	1 qt.	2 qt.	3 qt.	4 qt.	5 qt.	6 qt.	7 qt.	8 qt.	9 qt.	10 qt.
Zone 1 and 2 1 to 150 miles	Cents	5	6	8	10	12	14	16	18	20	22	24
Zone 3 150 to 300 miles	Cents	6	8	12	16	20	24	28	32	36	40	44
Zone 4 300 to 600 miles	Cents	7	11	19	27	35	43	51	59	67	75	83
Zone 5 600 to 1000 miles	Cents	8	14	26	38	50	62	74	86	98	110	122
Zone 6 1000 to 1400 miles	Cents	9	17	33	49	65	81	97	113	129	145	161
Zone 7 1400 to 1800 miles	Cents	11	21	41	61	81	101	121	141	161	181	201

TERMS OF GUARANTEE

The seeds offered in this catalogue have been carefully grown, selected, cleaned and tested for germination, and we believe them to be first-class in every respect, but we cannot guarantee the crop as too many conditions enter into it, therefore we give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once, and if the money has been paid for them it will be refunded.

Bell, Main 3346
Bell, Olive 26

ORDER SHEET

Kinloch, Central 1277

ST. LOUIS SEED CO.

411-413 WASHINGTON AVENUE
ST. LOUIS, MO.

Date ______________ Forward by (State whether wanted by Mail, Express or Freight) ______________

Name ______________

Express or Freight Office ______________

Post Office ______________

County ______________ State ______________

Please Leave This Space Blank.

Rural Route No. ______ Box ______

Post Office Money Order $ ______

Draft or Check - $ ______

Cash - - $ ______

Stamps - - $ ______

QUANTITY	ARTICLE	PRICE	DOLLARS	CENTS

TRY OUR
HOME GARDEN COLLECTION
of 15 Packets
75c Collection for 50c
Postpaid

Beans, Dwarf Valentine
Beans, Pole Kentucky Wonder
Cabbage, All Season
Beets, Crimson Globe
Carrot, Rubican
Celery, Self Blanching
Corn, Stowell Evergreen
Cucumber, White Spino
Okra, Dwarf Green
Radish, White Tipped
Radish, White Strassburg
Parsley, Curled
Onion, Red Wetherfield
Spinach, Long Standing
Turnip, Strap Leaf
Tomatoes, Liv. Beauty

Note:—This Collection will not be Broken.

(Over)

QUANTITY	ARTICLE	PRICE	DOLLARS	CENTS

(PLEASE DO NOT WRITE IN THIS SPACE)

Route shipped by ..... *Date shipped* *1915*

In .....*Pkgs.;* .....*Bags;* .....*Boxes;* .....*Baskets;* .....*Bbls* .....

Laid out by .....; *Checked by* .....;

Reply required by .....

Vegetable Novelties 1915

St. L. S. Co.'s Stringless Bountiful Bean

Beans by Parcel Post—See Inside Front Cover

Stringless Bountiful

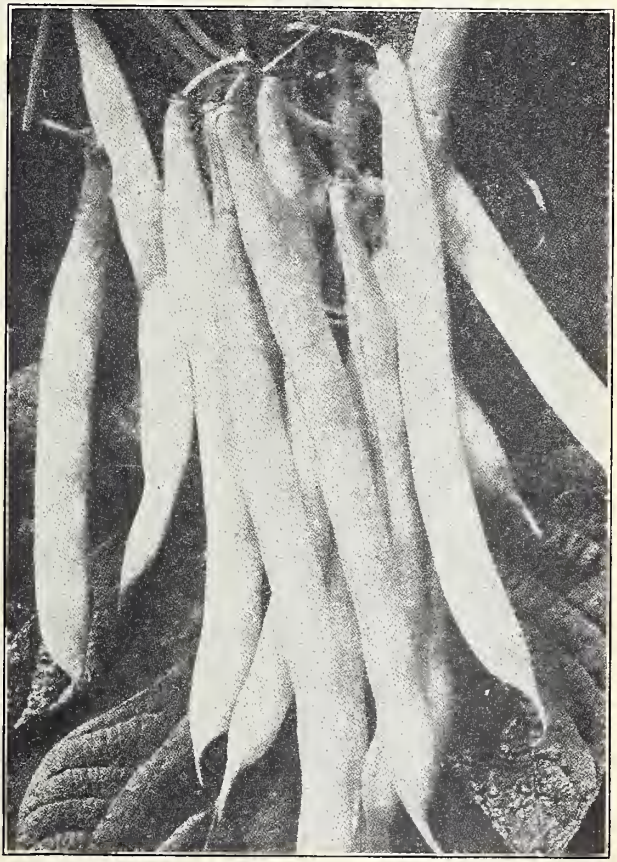
THIS superior variety is a distinct improvement in green Bush Beans and has become exceedingly popular wherever known.

The crowning merit of this grand Bush Bean is in the rich green, flat pods, which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality, meltingly tender and having a delicious flavor exclusively their own; moreover, the pods are absolutely stringless and entirely free from tough, membranous lining, not only when young, but this tender "snap brittle" quality is retained even into maturity. **Price; Pkt., 10c; Half Pint, 15c; Pt., 25c; Qt., 40c; Gal., $1.10; Pk., $2.00; Bu., $7.50.**

St. L. S. Co. New White Wax Bush Bean

THIS new round-podded Dwarf Wax Bean has attained the top notch among Beans of this class. It has been so highly bred and selected that it excells all others in its combination of essential qualities, among which are remarkable uniformity in size and shape. It produces no culls, the pods average five to six inches in length, which is unusually large for a round-podded, wax variety; they are very solid, meaty and tender, free from string, breaking brittle, and the flavor is unsurpassed. These desirable table qualities are retained well on towards maturity, long after many other sorts have become too tough and stringy to use. The plant is everything desirable, bushy and robust, free from rust or mildew, and extremely prolific.

Price: Pkt., 10c; Half Pt., 15c: Pt., 25c; Qt., 40c; Gal., $1.50; Pk., $3.00.

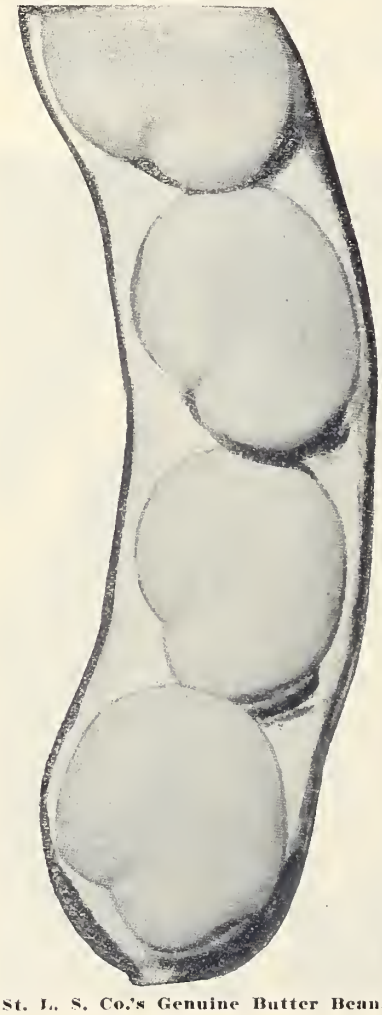


Fordhook Bush Lima Bean

Beans by Parcel Post
See inside front cover

BOTH pods and beans are twice the size of ordinary Bush Lima. Its growth is of stiff erect habit, branching freely but with all the branches held upright. Like Burpee's Bush Lima, the stalks that produce the blossoms are thrown out from the lateral and main stalks; the pods are borne in "clusters" of from four to eight. The pods resemble those of the improved Bush Lima, but average more than double the size.

It is the heaviest yield of all the large size Bush Limas and is sure to take the place of Burpee Bush Lima as well as Henderson's Bush Lima. **Price: Pkt., 10c; ½ Pt., 15c; Pt., 25c; Qt., 50c; Gal., $1.60; Pk., $3.00.**



St. L. S. Co.'s Genuine Butter Bean.

Seeds by Parcel Post
Beans, Sweet Corn and Peas by pint and quart
See inside front cover

St. Louis New White Cornfield Pole Bean

IN this new Pole Bean we have one that far surpasses anything on the market. We have not had surplus stock to offer to all before but have only a limited supply this season. This Bean is a cross between our regular White Cornfield and Kentucky Wonder; it is a fine long pod, round, thick and meaty green pod, with a white bean. It is a much heavier bean and far better shape than others, and will continue to bear far longer. We are the only ones who can offer you this new bean, and we are sure you will be highly pleased with the results. **Price: Pkt., 10c; ½ Pt., 15c; Pt., 25c; Qt., 40c; Gal., $1.25; Pk. $2.25; Bu., $8.00.**

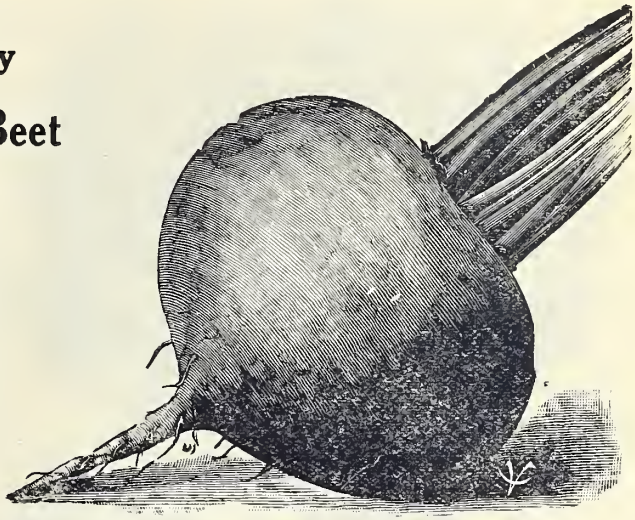
St. L. S. Co.'s Genuine Butter Pole Bean

WE offered these old-time favorites for the first time a few seasons ago, and the demand has since grown phenomenal. Remember, it is the original old-time Butter Bean so much sought after by our parents and grandparents years ago. Vines grow very vigorously and are laden with mammoth wide pods, containing from 3 to 5 beans each. **Price: Pkt., 10c; ½ Pt., 15c; Pt., 25c; Qt., 50c; Gal., $2.00; Pk., $3.75.**

St. Louis New White Cornfield.

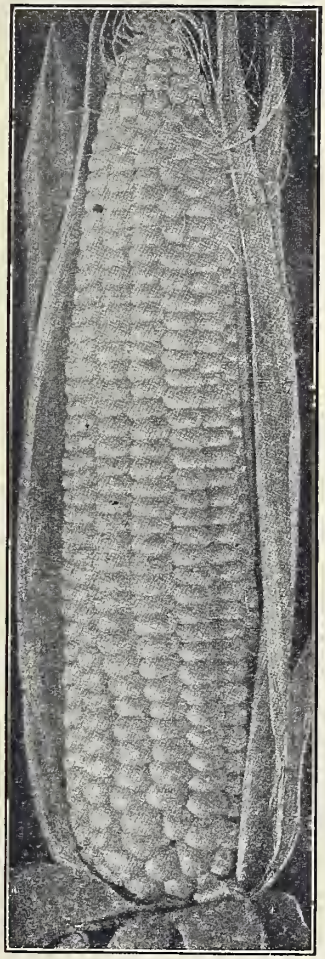
St. Louis Seed Company

Improved Crimson Globe Beet



(By Parcel Post See Inside Front Cover.)

AS its name implies, a perfect globe-shaped Beet, dark blood red color, smooth skin, sweet and tender. It is without an exception, one of the finest, as well as one of the earliest beets ever grown, its shape and color being superb. This is the Beet brought out recently by one of the largest seed firms in England who claims it is a perfect sort for general use. Our stock comes from the originator. Gardeners from all directions do not hesitate to pronounce this variety the "Best of all Beets." **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; lb., 90c.**



New Early Evergreen.

Golden Bantam Sweet Corn

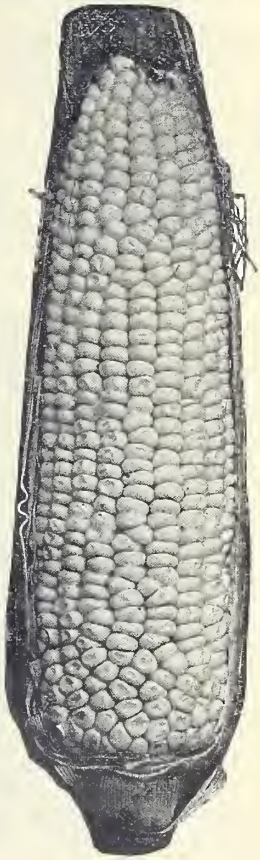
(By Parcel Post See Inside Front Cover.)

GOLDEN Bantam is a dwarf-growing early variety. The plant attains a height of only 3 or 4 feet, usually bearing two or more ears about 5 inches long to a stalk. These little fat ears are compactly filled with kernels, which, when ready for the table are cream-yellow, so lusciously sweet, tender and milky that some people claim it "the sweetest corn on earth." Golden Bantam is one of the hardiest corns grown, therefore can be planted earlier with safety than any other varieties. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $2.00.**

Early Evergreen Sweet Corn

(By Parcel Post See Inside Front Cover.)

READY for table with the second earlies, such as Shaker's Early etc., but is fully twice as large as any of them. The ears carry an average of 16 rows of fine large, deep, white and very sweet grains, which are second to none in tenderness and flavor. The stalk is very strong, sturdy and of only medium height; the leaves broad and dark green in color, a habit of growth which gives it great endurance during a dry time. Especially adapted for early trucking; also **very desirable for the home garden. Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., $1.25; Bu., $4.00.**



Golden Bantam.

New Early Cabbage Copenhagen Market

THIS superb new Cabbage is undoubtedly without a rival as the **finest large round-headed early** Cabbage in cultivation. The type is thoroughly fixed, the heads maturing all at the same time—(this being a great consideration to Market Gardeners, entailing less labor in harvesting the crop and allows the ground to be cleared at the first cutting). The heads average about eight pounds each in weight, are very solid, with small core and of fine quality. It matures as early as **Charleston Wakefield,** and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small saucer-shaped, and always tightly folded. **Price: Pkt., 10c; ½ Oz., 20c; Oz., 40c; ¼ Lb., $1.25; Lb., $4.50; Postpaid.**

"American King" Cabbage

SUCCEEDS WHERE ALL OTHER VARIETIES FAIL. THE BEST KEEPER. THE LARGEST HEADED. THE FINEST QUALITY.

INTRODUCED by us in 1904, it has met with universal praise everywhere. Mammoth solid heads, weighing from 25 to 30 pounds are common sights in a field of this wonderful late Cabbage. We could not offer you anything better if we had the world's entire output of cabbage to select from. Its chief points of merit are in absolute reliability as a sure cropper, its uniformly large size of head, its great drought and worm-proof qualities. A very prominent and distinct feature of the **AMERICAN KING** has **a small number of ribs and their remarkable smallness** in size. This stamps it of the highest quality. **Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; ¼ Lb., $1.25; Lb., $5.00. Postpaid.**

This is the Cabbage that has made more money for gardeners than any other variety ever discovered.

Golden Self-Blanching Celery (French Grown)

THIS grand variety of French origin is becoming more popular every year, and is now one of the most extensively grown sorts, both for private use and for market. It is not as early as White Plume, though it possesses the same self-blanching characteristics and is of heavier and more compact growth, the stalks being thick, crisp and brittle, while the hearts are large and solid, all blanching a beautiful waxen-yellow; the quality is superb, tender and free from stringiness; flavor rich and delightful. **Price: Pkt., 10c; ½ Oz., 50c; Oz., $1.00; ¼ Lb., $4.00; Lb., $11.00. Postpaid.**

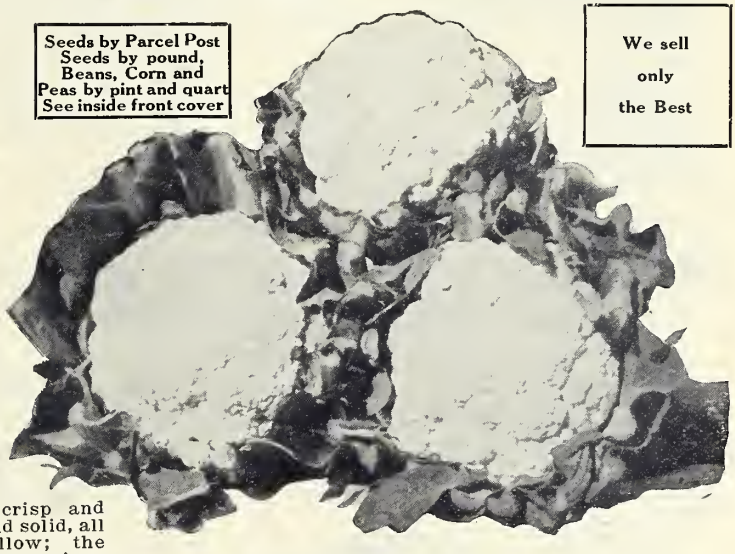
Select Early Improved Snowball Cauliflower

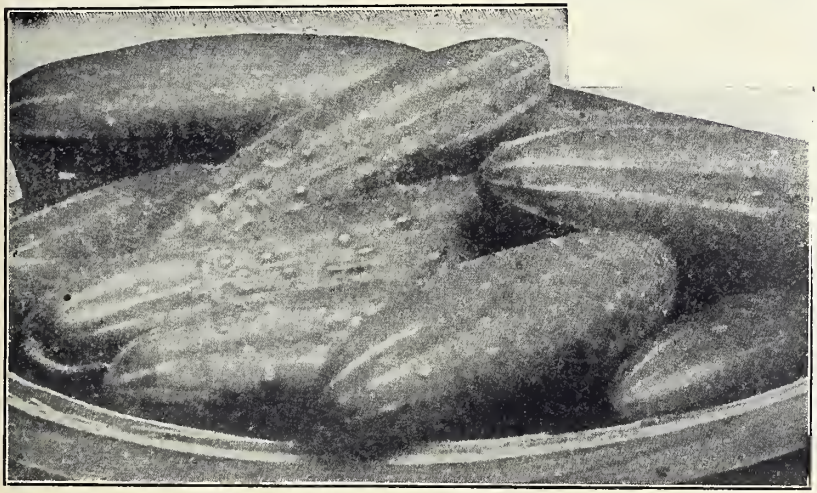
The Earliest Forcing Variety in Existence

THIS is a new improved strain of Cauliflower that we introduce. We challenge the world to produce the equal of this new white Cauliflower wonder. It is the finest, the handsomest and the earliest Cauliflower in existence, as well as the largest species ever discovered. It is gorgeous beyond description. Its color is snow white, and its growth is of the most compact form. For an early outdoor forcing variety it cannot be surpassed. If you have been planting the Dwarf Erfurt varieties you should give this new introduction a trial this season. It has been thoroughly tested in this locality and is a sure cropper. **Price: Pkt., 10; ¼ Oz., 75c; ½ Oz., $1.50; Oz., $2.75. Postpaid.**

Seeds by Parcel Post
Seeds by pound, Beans, Corn and Peas by pint and quart
See inside front cover

We sell only the Best





Improved Green Hybrid Cucumber

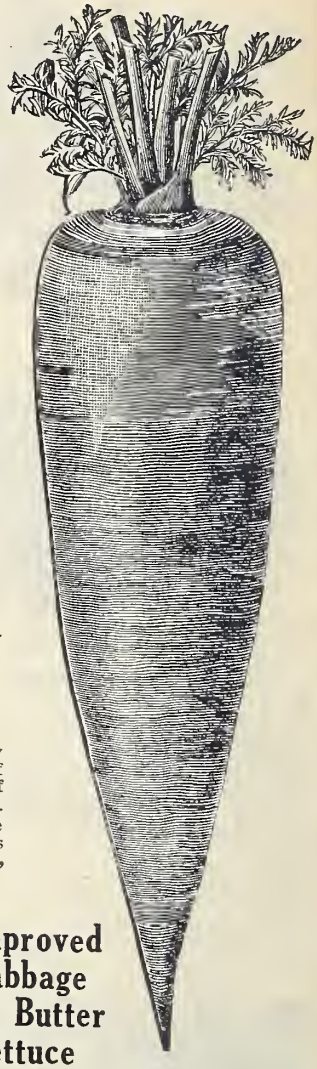
(By Parcel Post See Inside Front Cover.)

WE now offer the perfect Cucumber in our "Improved Green Hybird," an extra early specie of a most remarkable quality and appearance. Its unique shape and handsome color predict for it a vegetable of immense popularity, its color being of a dark green, slightly ridged. It is enormously prolific and a continuous producer. For slicing it is superb, its symmetrical fruits are uniformly large. The flesh is very solid, fine grained. The vines are vigorous and mildew-proof; in fact for general use we unhesitatingly recommend it superior to any other variety. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

Witloof Chicory, or French Endive

Witloof Chicory.

DURING the winter this is sold by dealers in fancy fruits and vegetables as **"French Endive,"** and the large importations during last winter caused considerable inquiry of us regarding its culture. In order to grow good "Witloof" the seed should be sown during April in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, keeping free from weeds and watering if necessary. Then take up the roots and trim off the leaves to about 1½ inches from the neck, break off any shoots which may appear on sides of root, and shorten lower end so that all will be of a uniform length of 8 to 10 inches. Then plant in a trench 8 to 12 inches deep, placing the roots upright, about 1½ inches apart. This will leave the necks of the roots about 8 inches below the level of the ground. Fill up the trench with good, light, well-drained soil, and, if speedy growth of any portion of the crop is desired, it may be accomplished by covering with a layer of manure at least 10 inches deep. In about 4 or 5 weeks the leaves will attain their proper size, and the manure may be taken off and roots dug up. The blanched head is the edible portion, and should be cut off, leaving a portion of the neck attached to it. Witloof is eaten raw or as a salad, and is also sometimes cooked like ordinary Endive. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c; Lb., $2.00. Postpaid.**



Frankfort Carrot

THE FINEST LONG STUMP ROOTED CARROT EVER OFFERED. IT IS THE BEST COLORED AND SMOOTHEST SHAPED CARROT IN EXISTENCE.

(By Parcel Post See Inside Front Cover.)

A RICH orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size. Roots of medium length, six to eight inches long, tapering uniformly to a blunt point. Flesh deep orange, crisp and tender. Although the roots of this variety are comparatively short they produce as large a bulk as the longer field sorts and are more easily harvested. **Price: Pkt., 10c; Oz., 15c; ¼ Lb., 40c; Lb., $1.25.**

Improved Cabbage or Butter Lettuce

(By Parcel Post See Inside Front Cover.)

THIS is one of the finest, the most brittle as well as the crispest Lettuce. This delicious variety is of the cabbage type. Every plant is uniformly perfect, nearly all head and with but few outside leaves. The heads are compactly formed of densely packed cream-colored heart leaves of fine quality, tender, crisp, and sweet; and most attractive in appearance. It is not only a very early and hardy Lettuce, but it stands early summerheat well, and does not bolt to seed for two weeks after it is fully headed up, though we do not recommend it for use during very hot weather. Color of the outside leaves, pale green. **Price: Pkt. 5c; ½Oz., 10c; 1 Oz., 15c; ¼ Lb., 50c; 1 Lb., $1.50.**

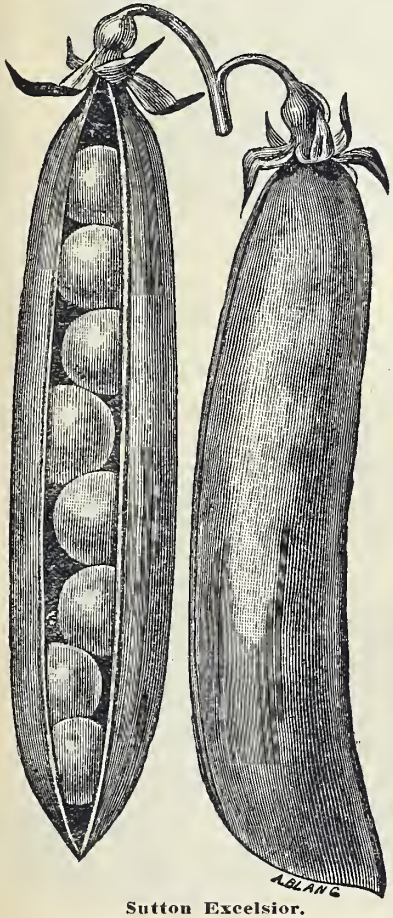
Henderson Bush Musk Melon

HENDERSON'S BUSH MUSK MELLON GROWS A TRUE BUSH and is radically different from any existing kind.

The bush character is attained by a shortening of the stem between the joints. There are just as may leaves on the plant as on other kinds, but these grow so compactly that the plant can be grown on one-half the space usually required. Notwithstanding its radical departure from existing types it is by no means a freak, its freedom from variation has been too constant over the entire time of our observance of it.

The fruit is small, but fully equal in quality to the old and justly esteemed St. Louis Mkt, which is probably the best flavored of all green-flesh sorts. They are produced in abundance, in fact we advise that each plant be allowed to ripen only about one-half of the fruit, as it is apt to bear too many. **Price: Pkt., 10c; ½ Oz., 15c; 1 Oz., 25c; ¼ Lb., 75c. Postpaid.**

SEEDS BY PARCEL POST
We deliver Free in U. S, all Vegetable or Flower Seeds by the packet, ounce or quarter pound.



Sutton Excelsior.

Sutton's Excelsior

FINE NEW EARLY WRINKLED SORT

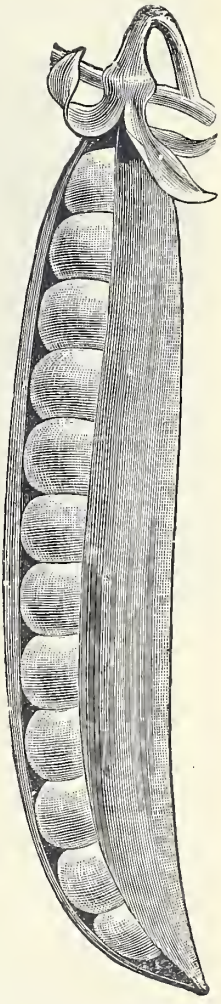
(Peas By Parcel Post See Inside Front Cover.)

A DWARF MAIN CROP WRINKLED PEA.

THIS Variety we esteem highly. It is a main-crop variety, of vigorous constitution which shows itself in the strong, handsome branching plant. It is 18-in. high, requiring no brushing, and produces an abundance of the finest Peas possible, the vines being actually laden with pods. These are dark green, stout and heavy, containing from 7 to 9 Peas of the finest quality, which so thoroughly fill the pod as to make it almost cylindrical in shape. The Peas possess the admirable merit of preserving their tenderness and superb flavor long after they are young, and also retain their attractive dark green color when served. **Prices: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., $1.00; Pk., $2.00; Bu., $7.00.**

Gradus or Prosperity Pea

THE earliest of all the wrinkled Peas. Produces large green pods 4 to 6 inches long. Gradus or Prosperity should be planted a little thicker than other large-podded sorts as the vine is single-stemmed and occupies less room than the heavier growing, branching varieties. This is really one of its valuable features, for its large crop is produced in a comparatively small space. The vines are two feet high, pale green in color; the pods are borne singly and freely from top to bottom of the vine, contain from six to ten Peas of luscious quality, fully as large, and as rich in flavor as Telegraph, but nearly two weeks earlier. **Price: Pkt., 10c; ½ Pt., 15c; Pt., 25c; Qt., 40c; Gal., $1.25; Pk., $2.25; Bu., $8.00.**

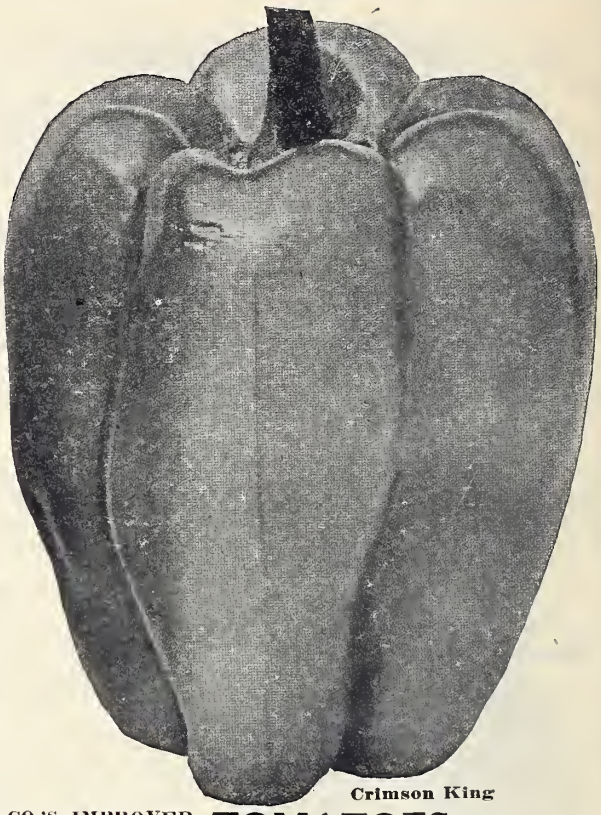


Gradus or Prosperity.

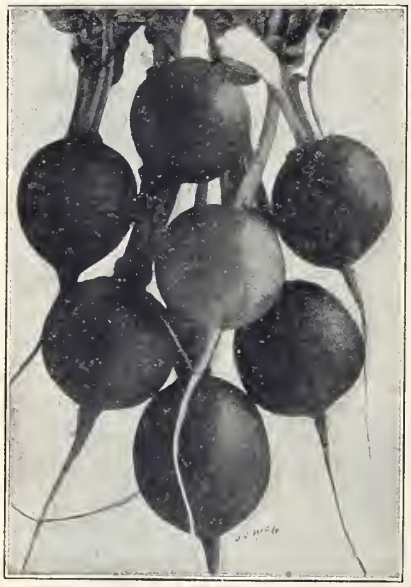
Crimson King Pepper

A Very Heavy Cropper, the Best Mango on the Market Today

HABIT of growth robust and stocky with no tendency to grow an immence plant with little or no fruit. The fruit is not quite as large as Chinese Giant; in shape not quite so blocky. (See illustration.) In weight is much heavier than a Ruby King of same size. In flavor it is the mildest we have ever known, as the flesh may be eaten raw from the hand. Growers will have no difficulty in selling all they can grow, customers preferring it to all others for making mangoes. Our seed is saved **from most perfect type.. Price: Pkt., 10c; ½ Oz., 25c; Oz., 50c; ¼ Lb., $1.75.. Postpaid.**



Crimson King



ST. L. S. CO.'S IMPROVED WHITE'S EXCELSIOR— TOMATOES

Our new strain of this famous Tomato is superb. It is of a dark, glossy purplish red, very large and also very solid. We have a carefully selected stock of this favorite variety. For a main crop this sort cannot be surpassed. It is one of the very best for canning or for market use. We know of no variety that will give better satisfaction for all general purposes. **Price: Pkt., 10c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $3.00. Postpaid.**

Fire Ball Radish

(By Parcel Post See Inside Front Cover.)

IT is a "Fire Ball" both in growth and appearance. Radishes 18 days from the time of planting is its record. Can you beat it? Did you ever hear of such a marvelous growing Radish? Their beauty and crispness will demand fully 50 per cent higher price than any Radish you have ever sold. Think what this means. "Fire Ball" is one of the most handsome Radishes ever discovered. We consider ourselves extremely fortunate at being able to offer you such a magnificent forcing Radish, and it is now offered to the world as the "Best." If you are anxious to have Radishes 8 to 10 days ahead of your neighbor, here is your opportunity. Its rich, crisp, brittle flavor, with its remarkably good growth and fine pinkish red color will make it a universal favorite. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

Asparagus (Spargel)

One ounce to 60 feet of drill.

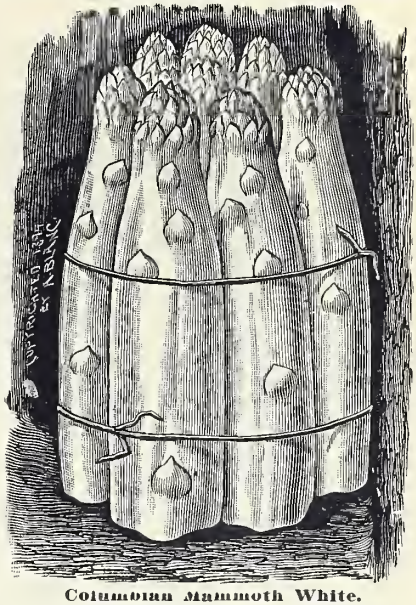
(By Parcel Post See Inside Front Cover.)

EARLY GIANT FRENCH ARGENTEUIL.—A variety imported from France which is claimed to resist rust better than some American sorts. It produces an abundance of heavy dark green shoots and is very early. Our seed is direct from France. **Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

COLUMBIAN MAMMOTH WHITE.—This variety is the most popular of the asparagus family. Very early and robust. Stalks are very thick, tender and succulent. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

PALMETTO.—A close second to our famous Columbian White Mammoth. An enormous yielder, very tender and appetizing, producing large, clear stalks of excellent quality. Very early. **Price: Pkt., 5c; Oz., 10c; ¼Lb., 15c., Lb., 50c**

ASPARAGUS ROOTS.—See page 27.



Columbian Mammoth White.

Artichoke

(Artichoke)

GREEN GLOBE (Seed)—The choicest of all varieties; very hardy, also early, tender and delicious. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c. Postpaid.**

JERUSALEM ARTICHOKE (Tubers)—We cannot fill orders for artichoke before April 1st. All artichokes will be shipped by express unless ordered shipped by freight. **Price: Pk., 40c; Bu., (50 Lbs.), $1.25; 5 Bu., at $1.10.**

Brussels Sprouts

(Sprossen Kohl)

One ounce will produce about 5000 plants.

THE very best winter vegetable. Frost seems to improve the delicious flavor instead of injuring. The plants may remain in the open ground until desired for cooking. Not surpassed by even the finest cauliflower.

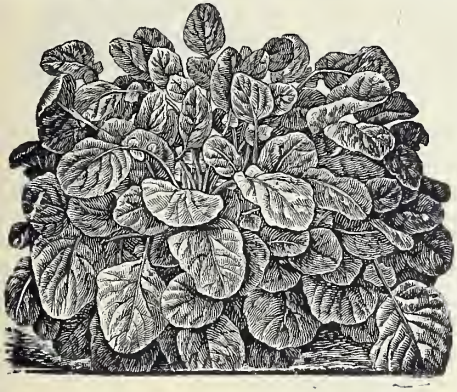
ROSEBERRY—The choicest variety. **Price: Pkt., 5c; ½ Oz., 10c; 1 Oz., 15c; ¼ Lb., 40c; Lb., $1.50. Postpaid.**

Dandelion

One ounce will sow 200 feet of drill.

IMPROVED LARGE LEAVED—For greens, which are cooked like mustard and spinach. Sow the seed in May or June, will be ready to cut the following Spring. Best cutting variety. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $3.00. Postpaid.**

CHIVES—Chives are small hardy perennial plants, resembling the onion leaves. **Price: Pkt., 5c.** Plants see page 27.



Chicory (Cichorien)

Witloof or French Endive—See page 6.

One ounce will sow about 15 square feet.

LARGE ROOTED—The finest flavored and hardiest growing variety. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., $1.00. Postpaid.**

Collards

One ounce will produce about 2500 plants.

A FAVORITE in the South, where Collards are used extensively for "greens." Collards grow in the form of a loose-headed cabbage.

GEORGIA or SOUTHERN—The standard sort for productiveness. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., $1.00. Postpaid.**

Corn Salad or Fetticus

(Ackersalat)

One ounce will sow 100 feet of drill.

(By Parcel Post See Inside Front Cover.)

A FAVORITE for early "greens." By sowing in the Fall and protecting during the Winter with leaves or straw, it can be gathered very early in the Spring. However, if planted in April it is soon ready for use.

LARGE LEAVED—The hardiest, earliest and most appetizing variety grown. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb. 50c.**

Cardoon

LARGE SPANISH—Large, fleshy-leaved plants, chiefly used as a winter vegetable. The blanched stalks and broad ribs of the inner leaves when properly cooked are tender and of an agreeable flavor. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

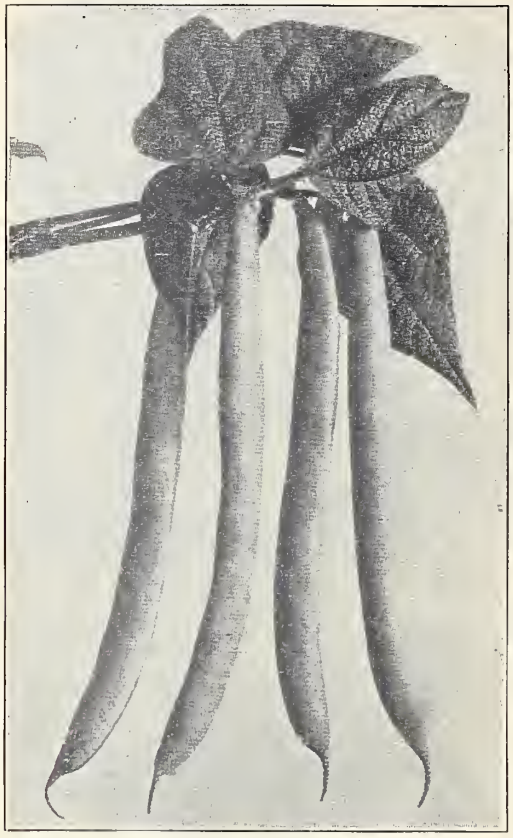
Cress (Kresse)

Used for Salads and for Garnishings.

CRESS. One of the most useful plants for "greens" or salads. Should be sown in a hotbed or sheltered spot; sow quite thick in shallow drills, and in a short time it will be fit for cutting.

TRUE WATER—Thrives best in shallow water on the edge of streams. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c. Postpaid.**

CURLED—Peppergrass—This little salad will bear cutting several times; used mixed with lettuce its leaves impart an agreeable, warm and pungent taste. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.**



Dwarf or Bush Beans

(Busch Bohnen)

GREEN-PODDED VARIETIES.

(By Parcel Post See Inside Front Cover.)

Culture.—Plant early in the Spring as soon as ground is dry and warm and continue planting every 10 days or 2 weeks for a continuous crop. Beans do best in good, rich soil; ground should be in good condition. Plant in rows 2 to 3 feet apart, leaving plants 3 to 4 inches apart in the rows. Cover Beans about 2 inches deep. One quart will plant 100 feet of row; 1 to 1½ bushels per acre.

ST. L. S. CO. STRINGLESS BOUNTIFUL—See Novelty Page 1.

STRINGLESS GREEN POD—Handsomest and most prolific of all the stringless varieties. Pods are very large, round and meaty, and for market gardeners this variety is a money maker. Very early, a sure cropper and an ideal bean for market or home use. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., $1.25; Pk., $2.25; Bu., $8.50.**

St. L. S. CO.'S GIANT STRINGLESS GREEN POD—An early large stringless variety, a good yielder, but not quite as good a quality as variety above. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.10; Pk., $2.00; Bu., 7.50.**

ST. L. S. CO.'S EXTRA EARLY RED VALENTINE—For earliness, productiveness and appetizing quality, it surpasses any other known Podded Bush variety. It is a strain that we highly recommend. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $1.75; Bu., $6.50.**

LONGFELLOW BEAN—In fact we doubt if ever a better green-podded bush variety will be discovered. Its handsome, straight, fleshy, solid pods averaging from 6 to 7 inches in length, together with its captivating, delicious flavor. Owing to its extra earliness, it is ready for the market fully a week before its nearest rival. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $2.00; Bu., $7.50.**

BLACK VALENTINE—Early, extra large, round, straight tender pods; enormous yielder and also suitable for late planting. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $2.00; Bu., $7.50.**

WHITE NAVY—The famous little white soup bean that needs no further introduction. Very prolific and a sure cropper. **Price; Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., $1.50.**

Wax-Podded Bush Beans

(By Parcel Post See Inside Front Cover.)

ST. L. S. Co. NEW WHITE WAX—See Novelty Page 1.

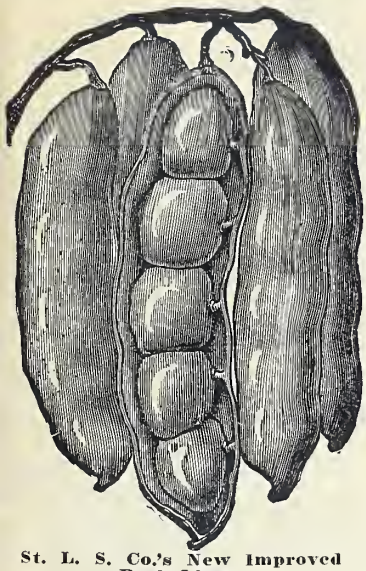
WARDELL'S KIDNEY WAX—Undoubtedly the standard of all the varieties. Used extensively for marketing purposes. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., $1.25; Pk., $2.25.**

ST. L. S. CO.'S PENCIL POD BLACK WAX—Of all Black Wax Beans, this variety surpasses all others. For Market Gardeners as well as for home use it cannot be surpassed. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal. $1.25; Pk., $2.25; Bu., $8.50.**

DAVIS WHITE WAX—This famous Snap Bean is of a very hardy and productive nature; of handsome appearance and entirely rust-proof. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., $1.25; Pk., $2.25; Bu., $8.50.**

IMPROVED GOLDEN WAX—An ideal variety, similar to the above very productive. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., $1.25; Pk., $2.25.**

ST. L. S. CO. NEW STRINGLESS WAX—This variety is exceedingly handsome and very desirable for market and the home garden. **Price: Pkt., 10c; ½ Pt., 15c; Pt., 25c; Qt., 40c; Gal., $1.25; Pk., $2.25.**



St. L. S. Co.'s New Improved Bush Lima.

Bush Lima Beans

(Beans by Parcel Post See Inside Front Cover.)

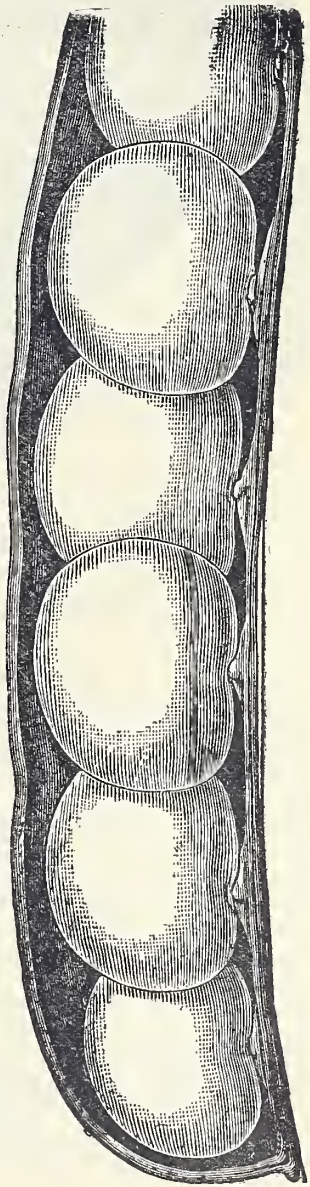
One Quart will plant 150 hills.

FORDHOOK BUSH LIMA—See page 2.

ST. L. S. CO.'S IMPROVED BUSH LIMA—In this new variety we offer you the most productive **Lima Bean** in existence. Pods are larger than any other Lima, and also considerably earlier. This new strain we consider superior to all others, both in quality and productiveness. Bushes grow low, well laden with broad, handsome pods, containing 3, 4 and sometimes 5 beautiful beans. Meat is of a very appetizing flavor. Whether you grow for home use or market, it will pay you to devote a good share of your garden to this "King" of all Limas. We wish we had space to devote to the many flattering reports received regarding this wonderful variety. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal. $1.25; Pk., $2.25.**

HENDERSON'S BUSH LIMA—A famous new variety grows in compact bush form, and produces enormous yields of truly delicious Lima Beans, yielding a continuous crop from July until frost appears. Earlier than Burpee's. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., $1.00; Pk., $2.00; Bu., $7.50.**

BURPEE'S BUSH LIMA—A true bush form, growing 18 to 20 inches high; an immense yielding variety, each bush being laden down with very large beans of luscious flavor. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., $1.15; Pk., $2.25; Bu., $8.00.**



English Bean

BROAD WINDSOR (English Bean)—The Englishman's favorite, grown and prized in their native land as much as the Lima is in America. Should be planted early in a rich, loamy soil. Is of a very delicious and appetizing flavor. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., $1.00.**

Pole Lima Varieties

ST. L. S. CO.'S GENUINE BUTTER—See page 2.

ST. L. S. CO.'S KING OF THE GARDEN LIMA—A great improvement on the large White Lima Beans; grow of an enormous size, an immense yielding sort. **Price; Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $2.00; Bu., $7.50**

EXTRA JERSEY LIMA—The earliest Lima Bean in existence, being about two weeks earlier than other varieties. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $2.00; Bu., $7.50.**

SMALL LIMA, OR SIEVA—Very productive. Beans small, good quality. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 20c; Qt., 35c; Gal., $1.00.**

Beans, Pole or Running

One quart will plant 150 hills.

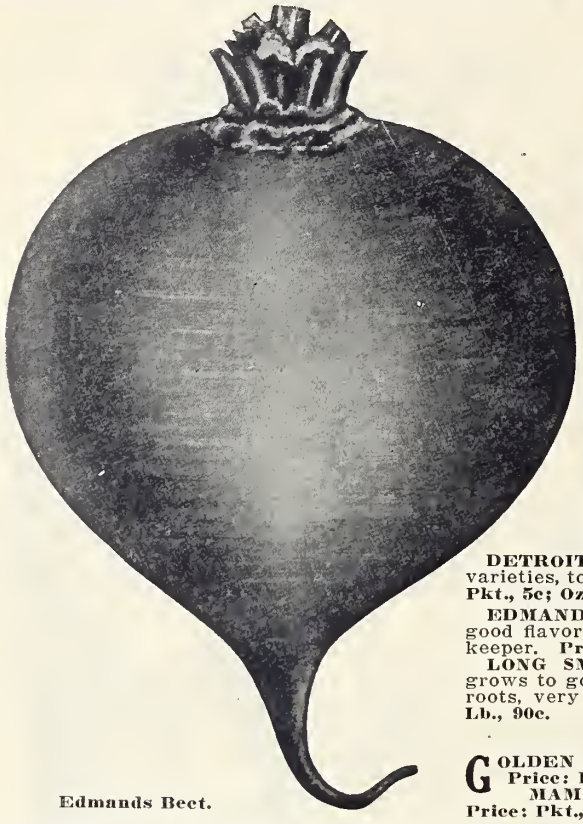
ST. LOUIS NEW WHITE CORNFIELD—See page 2.

MISSOURI WHITE CORNFIELD—A fine long, green, round pod of superior quality. Beans are white and mealy, a fine boiling or baking variety. Grown quite extensively for market gardening and home use. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., $1.75.**

LAZY WIFE—The pods are of a medium dark green color and grow from 5 to 7 inches in length. They are broad, thick and very fleshy, and are entirely stringless. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $2.00.**

KENTUCKY WONDER, OR OLD HOMESTEAD—Undoubtedly the earliest and most productive, bearing in great quantities clusters of light green pods, long, meaty and of excellent flavor. Can be grown with corn to good advantage. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $1.80 Bu., $7.00**

WHITE CREASEBACK—A pure white variety, very early, and an excellent shelled sort used extensively for winter use. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., $1.75.**



Edmands Beet.

Beets (Rothe Ruebe)

One ounce will sow 50 feet of drill. Five pounds will sow 1 acre of drill.

(By Parcel Post See Inside Front Cover.)

IMPROVED CRIMSON GLOBE—See page 3.

EXTRA EARLY EGYPTIAN—An early variety, which is suitable for forcing and growing in the open garden. The tops are small and the Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red and the Beets are tender. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.**

CROSBY'S EGYPTIAN—Extremely early, and may be grown either out of doors or under glass, and in either case the young Beets are fit for use at an early stage of their growth. It is thicker through than the old Egyptian. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; 90c.**

ELECTRIC—It the finest Extra-Early Beet grown, coming in with the flat Egyptian, but Electric is much larger and of almost globular form. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.**

ECLIPSE—A famous standard variety; a first early market beet this ranks with the Crosby Egyptian. **Price Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.**

DETROIT DARK RED—One of the good early turnip-shape varieties, too well known to need any further comment. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.**

EDMAND'S BLOOD TURNIP—A second-early variety of good flavor; small top, deep blood-red in corol; an excellent keeper. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.**

LONG SMOOTH BLOOD-RED—A most excellent keeper, grows to good size, half out of ground, almost free from side roots, very dark color. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 90c.**

STOCK MANGEL

GOLDEN TANKARD—The best yellow for stock feeding. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

MAMMOTH LONG RED—Enormous and of fine quality. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

VILMORIN'S IMPROVED—The best variety for producing sugar. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

SWISS CHARD

Is becoming more popular every year in this country and should be given a place in every garden. Grown for the leaves only and cooked like Spinach—by many it is considered superior. The mid-rib is often prepared the same as Asparagus. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

Carrots (Mohre)

(By Parcel Post See Inside Front Cover.)

One ounce will sow 100 feet of drill. Three lbs. will sow an acre.

FRANKFORT CARROT—See page 6.

EARLY SCARLET HORN—This is the best frame Carrot ever offered, and is also an excellent outdoor sort. It has a short top, is perfectly smooth and has a rich orange color. **Price: Pkt., 5c; 1 Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

OXHART—(Guerande)—A beautiful, short, thick stump-rooted variety. Meat of a delicious bright orange color; in fact, it is an ideal summer variety in every respect. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

EARLY HALF LONG SCARLET—Very productive, medium early and of excellent quality. Tops medium sized, necks small. Roots thick, five and one-half to six inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

IMPROVED RUBICAN—STUMP-ROOTED—Offered by us two seasons ago for the first time. It is a magnificent stump-rooted carrot of a rich orange shade, and of a most excellent flavor. It is valuable for all uses, owing to its extreme sweetness and its enormous yielding merits. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

DANVER'S HALF LONG—The leading standard variety. Flesh is of a dark orange color, very tender and appetizing; roots are of a medium length and taper proportionately; very sweet and productive. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

LONG ORANGE—Large, sweet, thick and tender, an immense yielder and an ideal variety for both table and stock feeding. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

ST. VALERY—In our new private strain of St. Valery we offer you one of the best. In size it is large; rich, deep orange in color. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

Celery (Celleric)

Silver Self-Blanching

GOLDEN SELF-BLANCHING—(French Grown)—See page 5.

GOLDEN SELF-BLANCHING. (American-grown seed)—An early sort, requiring but little labor to blanch. Heart rich golden-yellow, with light yellowish-green outer leaves. **Price: Pkt., 5c; ½ Oz., 25c; Oz., 50c; ¼ Lb., $2.00.**

SILVER SELF-BLANCHING—This grand new Celery we quickly describe to Celery experts, by stating that it is a **Golden Self-Blanching** with **White Plume** coloring. **Price: Pkt., 5c; ½ Oz., 25c; Oz., 50c; ¼ Lb., $2.00. Postpaid.**

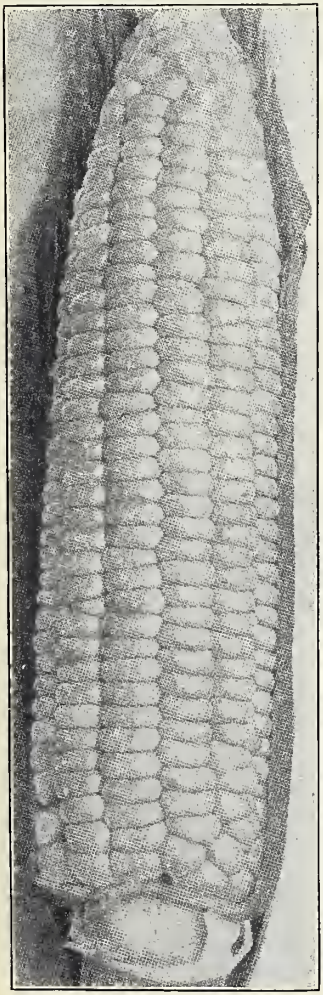
WINTER QUEEN—A very popular Winter Celery. It is one of the very best keepers; has been taken out in good condition as late as April. It is very heavy, large hearted, of a sweet nutty flavor, so desirable in Celery. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., 3.00. Postpaid.**

GOLDEN HEART—Very fine. When blanched the heart is of a beautiful waxy, golden yellow color. Very showy and attractive. Dwarf. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $2.50. Postpaid.**

WHITE PLUME—One of the most desirable home garden varieties. Is earlier than Golden Self-Blanching, but is white instead of yellow. This famous variety is popular for the smaller home garden. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $2.50. Postpaid.**

CURLED CELERY—This new variety is used by gardeners for cutting and bunching; used to make soup, etc. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c. Postpaid.**

GIANT PRAGUE (Turnip Rooted)—This celebrated variety is the largest, smoothest and best strain of the Celery family. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c. Postpaid.**



Sweet Corn (Zucker Mais)

(By Parcel Post See Inside Front Cover)

One quart will plant about 200 hills. One peck will plant about 1 acre.

EARLY EVERGREEN—See page 3.

GOLDEN BANTAM—See page 3.

ADAM'S EARLY—A valuable market variety. **Price: Pkt., 5c; Qt., 25c; Gal., 50c; Pk., $1.00; Pt., 15c; ½ Pt., 10c; Bu. $3.00.**

ADAM'S EXTRA EARLY—This is in fact the earliest in cultivation, but it is not strictly a sweet corn. Requires very rich corn soil. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 50c; Pk., $1.00; Bu., $3.00.**

EARLY WHITE CORY—It is of a dwarf growth and short ears. We recommend it for its extreme earliness. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., $1.25; Bu., $4.00.**

MAMMOTH WHITE CORY—For a first-class early market or home use, and always produces two ears to a stalk, and sometimes three. Twelve rowed. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., $1.25; Bu., $4.00.**

SHAKER EARLY—A beautiful white, juicy ear of appetizing quality. Grown extensively by gardeners for hotel and other high-class trade. **Price: Pkt. 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., $1.25; Bu., $4.00.**

KENDEL EARLY GIANT—Those desiring the choicest and earliest Sweet Corn will do well to plant this variety, the growth being of a dwarf nature—4 to 5 feet high. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., $1.25; Bu., $4.00.**

HOWLING MOB—Remarkably large in ear for a second early sort and very popular in some localities. Twelve rowed. The grain is rather broad and shallow, and the quality very good. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., $1.25; Bu., $4.00.**

General Crop and Late

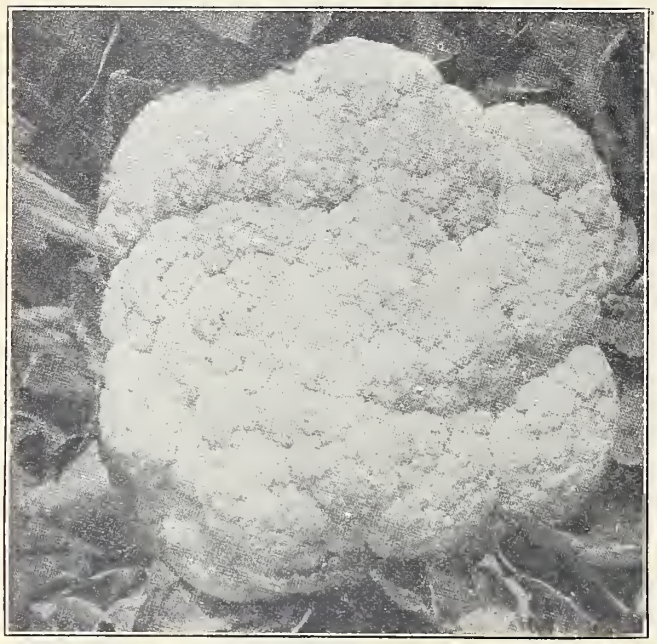
EARLY CHAMPION—Only a few days later than the extra earlies, bearing large, handsome, 12-rowed ears. Deep, white, plump grains and very sweet. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., $1.25; Bu., $4.00.**

WHITE EVERGREEN—Is of the same type as the famous "Stowell's Evergreen," only it is snow white, and of excellent quality. Stalks are of a very strong, vigorous growth, six to eight feet high. The ears are extra large. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., $1.25; Bu. $4.00.**

STOWELL'S EVERGREEN—Too well known to need any introduction. Ears are of a good size, with a deep, luscious, appetizing kernel. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 65c; Pk., $1.25; Bu., $4.00.**

COUNTRY GENTLEMAN—For a delicious, appetizing sweet corn this variety can not be surpassed. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., $1.50; Bu., $4.50.**

BLACK MEXICAN—When in condition for the table it cooks white, but the grain when ripe is black. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c.**



St. L. S. Co.'s Earliest Dwarf Erfurt Extra Select.

Cauliflower

Culture.—Plant seed in hotbeds in March or early in April and transplant to cold-frames as soon as large enough to handle. One ounce of seed will produce 3000 to 4000 plants.

IMPROVED EARLY SNOWBALL—See Page 5.

ST. L. S. CO.'S EARLIEST DWARF ERFURT EXTRA SELECT—Very early and forms snow and white heads six to ten inches in diameter ,of good quality. Its close growing habit permits more heads to a given area than the later maturing sorts. Excellent for both early and late planting. Grown from stock seed obtained from originators. **Price: Pkt., 25c; ¼ Oz., $1.00; ½ Oz., $2.00; Oz., $3.50. Postpaid.**

ST. L. S. CO.'S DRY WEATHER—This variety can be grown in dry locations and will make fine large compact heads. Our best variety for outdoor planting. **Price: Pkt., 15c; ¼ Oz., $1.00; ½ Oz., $1.75; Oz., $3.50. Postpaid.**

PRIDE OF DENMARK—A fine variety of Cauliflower, especially adapted for sections subjected to long, dry seasons. The heads grow to a large size, are very solid, pure white and of delicious flavor. **Price: Pkt., 25c; ¼ Oz., $1.15; ½ Oz., $2.00; Oz., $4.00. Postpaid.**

Cabbage

COPENHAGEN MARKET—(See Novelty Page 4).

AMERICAN KING—(See Novelty page 4)—This is our famous cabbage for late Fall and Winter use.

ST. L. S. CO.'S EARLY TOP-NOTCH—This is superior to any other varieties, both in earliness and productiveness; in fact, it is the most important addition made to the cabbage family, large, round, solid heads of superior quality. **Price. Pkt., 10c; ½ Oz., 20c; Oz., 35c; ¼ Lb., $1.25; Lb., $4.00.**

EARLY JERSEY WAKEFIELD—This is our own private stock. This is a close second to our famous Top-Notch. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $2.50.**

CHARLESTON LARGE WAKEFIELD—A few days later, but larger heads than Jersey Wakefield. Same general shape. **Price; Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $2.50.**

HENDERSON'S EARLY SUMMER—Always popular with market gardeners, as heads are twice as large as Wakefield and only twelve days to two weeks later. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c;**

IMPROVED BRUNSWICK—Ours is the true short-stem strain. Good for second early and late crop, and attains an extraordinary large size. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 65c; Lb., $2.25.**

ALL SEASONS OR SURE HEAD—This is certainly well named, as it is a sure header of the Flat Dutch type of heads, and a first-class main crop sort. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 50c; Lb., $1.75.**

MAMMOTH ROCKRED—This famous variety is grown extensively almost everywhere; very solid and a sure cropper. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.**

EA. RED ERFURT—Very early and solid. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

EA. ULM SAVOY—Smaller than the late variety. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.**

PERFECTION LATE SAVOY—The heads are large and very solid and possess a fine delicate flavor. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.**

FOTTLER'S EARLY DRUMHEAD, OR SHORT STEM—One of the best second early varieties. Head large, flat, compact, solid and of fine quality. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c; Lb., $2.00.**

SUPERIOR LATE FLAT DUTCH—The heads are large and very solid; open white, are crisp and tender, and sure to head. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 50c; Lb., $1.75.**

ST. LOUIS LATE MARKET—For regularity in growth and sure heading this variety can't be beat. Is of a handsome color and appearance; mammoth in size, delicious in quality, extra short stem and compact in growth. In fact, it is one of the largest and best late cabbages ever discovered. We control and own the entire stock of this record smashing variety. No matter what you see listed, no matter what you see described, our St. Louis Late Market will eclipse it 10 to 1. **Price: Pkt., 10c; ½ Oz., 15c; Oz., 30c; ¼ Lb., $1.00; Lb., $4.00.**

St. Louis Late Market.

Cucumber (Gurke)

One ounce will plant about 50 hills; one to two pounds to the acre.
(By Parcel Post see inside front cover.)

IMPROVED HYBRID—See Novelty page 5.

EARLY WHITE SPINE, OR PEERLESS—One of the best sorts to slice for the table. Our select strain of this well-known and popular variety is unsurpassed for the table and market. Grows 8 and 9 inches long. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

ARLINGTON IMPROVED WHITE SPINE—Excellent for forcing or out-of-doors. A good seller on the market and a very profitable sort to grow for shipping. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

EXTRA LONG WHITE SPINE OR EVERGREEN—Extra early, dark green and very prolific, is what we claim for this variety. Fruits average from eight to ten inches long and have very few seeds. Vines vigorous and more blight resisting than Arlington White Spine and some of the other sorts. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

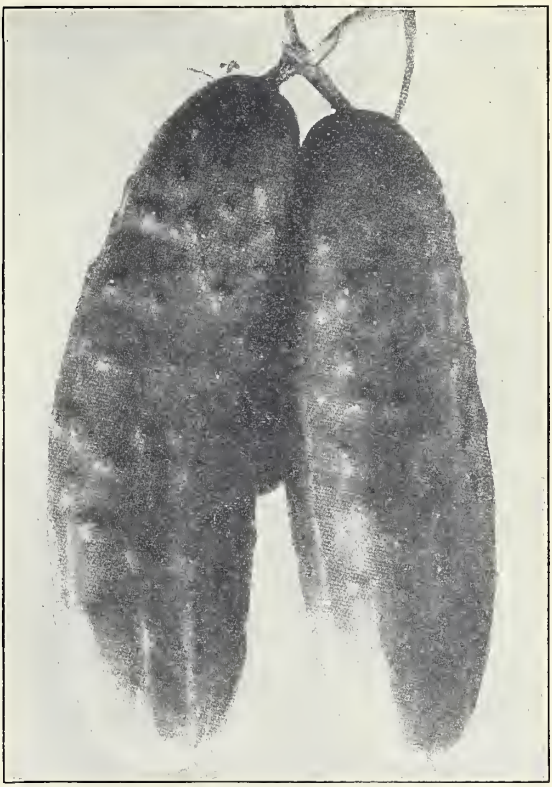
LONDON LONG GREEN—The standard of all long green varieties. Nearly as early as the shorter varieties and grows to 12 inches long. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.**

JAPANESE CLIMBING—If you cannot spare the space in your garden for cucumbers to sprawl around on the ground, plant this variety and train up vines to poles or trellises. Good for table use as well as pickling; 8 to 10 inches long. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 50c.**

JERSEY PICKLE—Quite pointed at both ends. Intermediate between the long and short green. Makes hard, brittle pickle. Very early. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

EARLY GREEN CLUSTER—Short and prickly. A favorite for bottle pickles on account of its great productiveness. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

GERKIN OR BURR—A small round prickly cucumber. Makes excellent pickles. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c.**



Herbs

THE varieties marked an asterisk (*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is comming into bloom, dry them in the shade, and when perfectly dry wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in bottles and cork tightly, and store them away, which will preserve them for any period.

ANISE—Seeds aromatic and carminative. **Price: Pkt., 5c; Oz., 10c.**

BALM—For balm tea or balm wine. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c.**

BASIL SWEET—For highly seasoned dishes, soups, etc. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c.**

BENE—Leaves good for diarrhoea; seeds an oil for the skin. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c.**

BORAGE—Used as a salad. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., $1.00.**

***CATNIP, or CATMINT**—Leaves for seasoning. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c.**

***CARAWAY**—For flavoring bread. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c.**

CHERVIL, CURLED—Largely used in soup. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c.**

CORIANDER—For flavoring cakes, etc. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c.**

DILL—For flavoring pickles and as a condiment. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

***FENNEL—Sweet**—Used in sauce, **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c.**

***HOARHOUND**—For cough remedies. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c.**

HORSERADISH ROOTS—The soil should be very rich and well cultivated. **25 for 20c; 100 for 60c; 1000 for $4.50.**

***LAVENDER**—Leaves for seasoning, dried flowers for perfuming. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

MARJORAM—Sweet—Used like sage and thyme in seasoning. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.25.**

***ROSEMARY**—Hardy, aromatic, evergreen shrub. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

***SAGE—Common—Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

SAFFRON—Used in medicine, also in dyeing. **Price: Pkt., 5c; Oz., 10c.**

***SAVORY—Summer**—Thyme-like flavor. **Price: Pkt. 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

***SORREL—Broad-Leaved**—For boiling "greens" or salad. Cook like spinach, or with it, one-third Sorrel. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.25.**

***THYME—Sweet**—For seasoning soups, etc., also tea for nervous people. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

TARRAGON—(Estragon)—For flavoring. The young leaves are used for pickles, vinegar, etc. **Price: Pkt., 5c; ½ Oz., 25c; Oz., 50c.**

***WOODRUFF**—Fragrant leaves and stems; used for putting among clothes, in Germany, to flavor the "Maitrank." **Price. Pkt., 5c; ½ Oz., 25c; Oz., 50c.**

***WORMWOOD**—Used medicinally and in liquors; a good tonic for poultry. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

St L. S. Co.'s Improved Oval Spineless.

Endive (Endivien)

(By Parcel Post See Inside Front Cover.)
One ounce of seed to 300 feet of row.

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When nearly full grown, and before they are fit for the table, they must be bleached. This is done by gathering the leaves together and tying with yarn or bass, which must be done when quite dry, or they will rot.

GREEN CURLED—Ornamental curled leaves of dark green color. Blanches white and crisp. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

WHITE CURLED—Leaves not so tender as the green, but is self blanching and very attractive. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

BROAD-LEAVED or ESCAROLLE—Broad, thick ribs, with slightly wrinkled leaves. The best broad-leaved variety. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

Green Curled Endive.

Egg Plant (Eierpflanze)

One ounce will produce about 1000 plants.

ST. L. S. CO.'s IMPROVED OVAL SPINELESS. THIS new variety, our own production, has proven itself superior to any other strain, being very early. Hardy and productive, it is an ideal variety and gardeners can make more money from this improved and selected strain than from any other. **Price: Pkt., 10c; ½ Oz., 20c; Oz., 40c; ¼ Lb., $1.50. Postpaid.**

BLACK BEAUTY—This distinct new variety is indeed a beauty. It is about two weeks earlier than N. Y. Purple and grows fully as large. It is very attractive in appearance and of excellent flavor. **Price: Pkt., 10c; ½ Oz., 20c; Oz., 35c; ¼ Lb., $1.25. Postpaid.**

N. Y. PURPLE—The standard variety. The one that finds ready sale at any time in any market. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 30c; ¼ Lb., $1.00 Postpaid.**

Kohlrabi (Kohlrabi)

One ounce will sow about 200 feet of drill.

EARLY WHITE VIENNA KOHLRABI—Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c; Lb., $2.75.**

EARLIEST WHITE ERFURT—An excellent variety for forcing. It will also do well in the open ground. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c.**

EARLY PURPLE VIENNA—Differs from the Early White Vienna in color only. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ lb., 65c.**

Dwarf German Green Home Grown.

Kale or Barecole (Blaetter Kohl)

(By Parcel Post See Inside Front Cover.)
One ounce will sow about 200 feet of drill.

DWARF GERMAN GREEN HOME GROWN FOR FALL. Largely grown for supplying "greens" during the Fall, Winter and Spring. The plants are hardy; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bright green color; the plants are of very dwarf, even growth, so that they are not broken off by heavy, wet snow, as often happens with taller types. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 75c.**

DWARF GERMAN FOR SPRING—An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture. It has no equal. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 65c.**

DOUBLE CURLED SCOTCH—Desirable for Winter and Spring greens. Leaves are curly like parsley, tender and of very fine flavor. It is improved by frost. **Price; Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb. $1.25.**

TALL SCOTCH—This variety makes beautiful plants, two feet or more in height. Leaves are finely curled and very tender. **Prices: Pkt., 5c; Oz., 10c; ¼Lb., 30c; Lb. $1.00.**

Lettuce (Lattich Salat)

One ounce will produce about 4000 plants.

(By Parcel Post See Inside Front Cover)

Imp. Butter—See Novelty page 6.

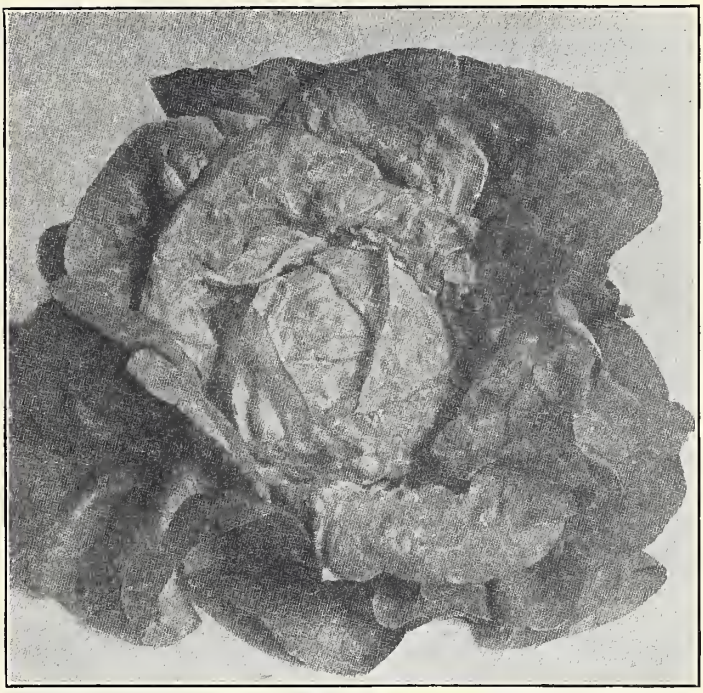
ST. L. S. CO.'S BLACK SEEDED FORCING—The favorite of gardeners who grow for the St. Louis market. Heads grow of medium size, well formed and compact. Of excellent quality and fine appearance. Early, tender and delicious. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

MAMMOTH BLACK SEEDED BUTTER—(See cut)—A fine variety for outdoor planting or for cold frames, either for market or home use. It produces extra large heads, very compact, of a fine flavor. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

BIG MARKET GARDENERS—A grand, new, large, early head Lettuce. Every plant uniformly perfect, about 10 inches across. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. It is a very large, robust-growing variety, very slow to run to seed and a sure header under most trying conditions. Best for Early Spring or Fall use. **Prices: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $2.00.**

ST. LOUIS MARKET—A favorite with gardeners; its good qualities always insure for it a big market demand. Large, hard heads of crisp, buttery flavor. A fine summer variety for home garden. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c; Lb., $1.25.**

KING OF GARDEN—The heads are extra large and quite firm, leaves thin and of the finest quality. It is only good for Spring and Fall, as it will not stand extreme hot weather. Does its best when transplanted from the frames to outside in the spring. Does remarkably well for a late crop in the frames. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $2.00.**



Mammoth Black Seeded Butter.

Big Boston.

BIG BOSTON—This grand variety, has proved to be most valuable, is now more extensively grown than any other kind of Lettuce, either for the private table or for sale, whether grown in the open ground for summer and fall use, in frames for spring, splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender, sweet and white. **Price: Pkt., 5c; ½ Oz., 10c; 1 Oz., 15c; ¼ Lb., 40c; Lb., $1.25.**

NOXALL—Very popular for Summer use. It grows a large head and is very slow to run to seed. It is very tender and crisp, very nearly white in the heart. **Pkt. 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $2.00.**

HANSON—In every respect an ideal Lettuce. It never fails to make large, handsome heads. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., $1.00.**

EARLY CURLED SIMPSON—The standard cutting or loose-headed variety. Earlier than the heading sorts. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., $1.00.**

BLACK SEEDED SIMPSON—Larger and lighter in color than Early Curled Simpson. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., $1.00.**

GRAND RAPIDS—Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., $1.00.**

PRIZEHEAD—As its name implies, forms a very large, loose head. Slightly tinged with brown. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., $1.00.**

HARDY GREEN WINTER—Very popular. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., $1.00.**

BROWN DUTCH WINTER—The standard winter sort. Of delicious flavor. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 35c; Lb., $1.10.**

TRIANON COS (Romaine)—A distinct variety, tall, self-bleaching. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

Dwarf Green.

Okra, or Gumbo (Essbarer)

One ounce will sow 40 feet of drill.

THIS celebrated Southern plant is becoming popular wherever grown, its nutritious young seed pods being used for stews, soups, etc., and is always in big demand. Sow seed thinly in drills one inch deep and three feet apart. When well up thin out the plants to one foot apart. Gather the pods when young. Very delicious and appetizing.

WHITE VELVET—Beautiful, smooth, velvety white pods, produced in the greatest abundance. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

PERKIN'S MAMMOTH LONG POD—In productiveness this Okra is simply wonderful. Pods of an intense green color, are of an unusual length and do not get hard. It is one of the best green sorts for canning for winter use. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

DWARF GREEN—The standard dwarf, short green-pod variety. Very productive. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

Seeds by Parcel Post

We pay Postage on Pkts., Oz., ¼ Lb., ½ Pt., in U. S., for pounds, pints, quarts, see Parcel Post rate inside front cover.

Mustard (Senf)

One ounce will sow 40 feet of drill.

MUSTARD should be sown in every garden. As a money maker it attains a high rank, always being in great demand by hotels; for greens, salads etc., it is unsurpassed. Sow thickly in rows and cut when two or three inches high.

CHINESE CURLED—When cooked like spinach the broad leaves of this variety are delicious. They are often more than a foot in length, and crimped much like the Savoy Cabbage. Stands long before running to seed. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

GIANT SOUTHERN CURLED—A favorite in the South, growing very large with a beautiful curled leaf. It is very tender and of especially good flavor; also desirable for garnishing. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c; 10 Lbs., $3.00.**

WHITE OR YELLOW LONDON—Seeds are used for pickling and the leaves are relished by many people. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c.**

Leek (Lauch)

One ounce will sow about 100 feet of drill.

LEEK is a mild onion flavored plant, prized as being the ideal for soup, etc. Sow in very rich soil, early in April, in drills, covering the seed about ½ in. deep. After plants are strong enough looking, transplant in rows 1 foot apart and 6 inches apart in the row. Draw the earth around them as they grow in order to branch.

LONDON FLAG—The earliest, largest and most uniform of all. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

LARGE ROUEN—A large, thick, short-stemmed variety. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

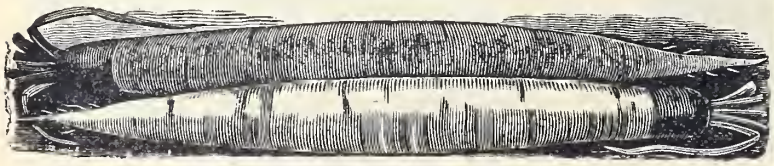
Oyster Plant or Salsify

(Haferwurzel)

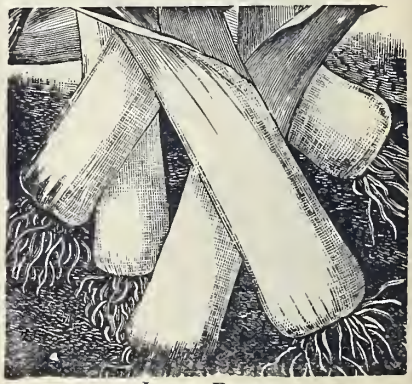
One ounce will sow 50 feet of drill.

MAMMOTH SANDWICH ISLAND—The favorite variety of Salsify, as well as the largest and best sort in cultivation; very hardy. Grown extensively by gradeners and truckers everywhere. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

LONG WHITE—A favorite market variety and fine flavored. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c; Lb., $1.25.**



Mammoth Sandwich Island Salsify.



Large Rouen.

Muskmelon (Melonen)

One ounce will plant about 60 hills. Two pounds will plant an acre.
By Parcel Post See Inside Front Cover.

HENDERSON BUSH—See page 7.

ST. LOUIS MARKET—By far the sweetest and most luscious, richly flavored melon ever grown. Flesh is green and delicious, rind is green and solid, with a rich aromatic flavor that is simply indescribable. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30; Lb., $1.00.**

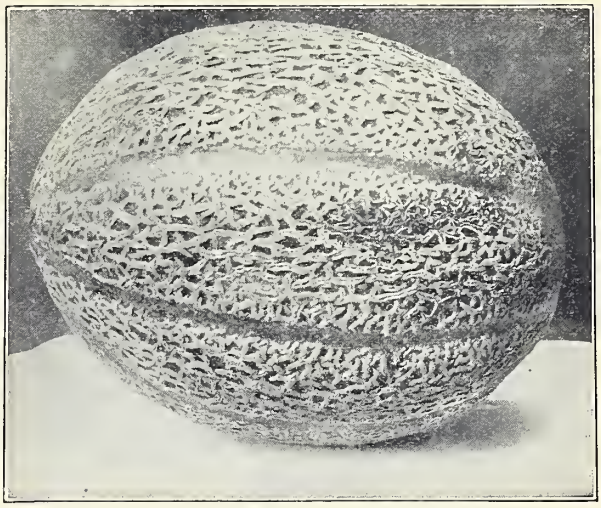
BURREL GEM—The flesh is of the most handsome salmon color, the skin of a beautiful netted dark green; it is shallow ribbed and shaped similar to the Rocky Ford, only larger. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

COLORADO QUEEN—We pronounce this the best green-fleshed melon for shipping long distances offered to date. It is as early as the Rocky Ford, with deep flesh. The illustration shows the shape. It will hold up longer before getting soft and turning yellow than any variety we know of. The netting is heavy, slightly covering the ribs. It averages a trifle larger than Burrell Gem. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

ROCKY FORD, or NETTED GEM—The Melon that made Rocky Ford famous. The favorite green-fleshed shipping variety. Known well and favorably wherever Melons are grown; more largely planted and shipped in larger quantities than any other sort. Oval shape, covered entirely with fine netting, slightly ribbed. Flesh green, very thick, sweet and juicy. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.**

LARGE HACKENSACK—Skin is heavily netted. Flesh is green color. Productive. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

EMERALD GEM—The flesh is thicker than in any other melon of equal size, is of a beautiful rich salmon color. Price: **Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**



Colorado Queen.

OSAGE—Dark green skin of a peculiar netting. Salmon flesh. Very delicious. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

POMEGRANATE—When ripe, color of an orange. Fragrant. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c.**

BANANA—Very long Cucumber-shaped; delicious odor; late. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 35c.**

EARLY HACKENSACK—Very early and reliable. Skin is green and thickly netted. Flesh light green. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

Watermelon (Wassermelonen)

One ounce will plant about 30 hills. Two pounds will plant an acre.
(By Parcel Post See Inside Front Cover.)

TOM WATSON—A large, oblong melon, the skin of which is dark green, with trick netting on the entire surface, quite distinct from other varieties. It averages 18 to 24 inches long and 10 to 12 inches in diameter and weighs 50 to 60 pounds. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.**

ST. L. S. CO.'S SWEETHEART—This melon is our great leader; it is one of the finest large melons in existence. Almost globular, but a little longer than thick. Skin is a beautiful light, bright mottled green, thin, but very tough rind. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

McIVER'S WONDERFUL SUGAR—This celebrated melon is claimed by many to be the sweetest of all varieties. Crisp, free from any strings. Solid meat. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

FLORIDA FAVORITE—Shape oblong, with light and dark green skin; flesh is bright crimson and deliciously sweet. We offer only a select stock of this famous melon. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

ALABAMA SWEET—This, without question, is the greatest melon ever offered. It is superior to others both in size and weight. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

HALBERT HONEY—Fully equals the Kleckley Sweets in superb luscious flavor, and has fruits more even and regular in outline, with a darker, richer colored skin. The vines are of strong, vigorous growth and set fruits very freely. **Price: Pkt., 5c;Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

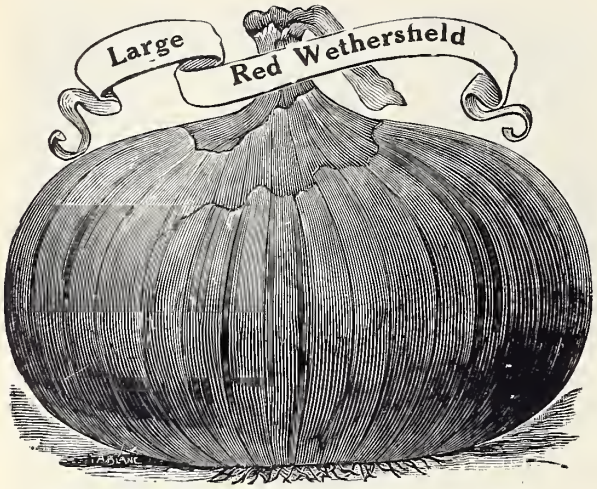
FORDHOOK EARLY—The earliest large variety. Excellent quality. Best for home use. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

IMPROVED TRIUMPH—The largest, the sweetest, and one of the most beautiful melons in cultivation. Medium late. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

KLECKLEY SWEETS (Monte Cristo)—Is especially recommended for its fine flavor—in this respect surpassing most all others. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

BLACK DIAMOND—A large melon, very productive. It is oval in shape with very dark skin. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

CITRON—Grown extensively for preserving. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.**



EARLY RED TRIPOLI—A grand early red variety. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

ST. L. S. CO.'S LARGE WETHERSFIELD—Undoubtedly the most popular Onion ever grown. The standard of all red varieties. Skin is deep purple red, flesh purplish white. Very fine grained and of excellent flavor. (See cut.) **Price: Pkt., 5c; ½ Oz.. 10c; Oz., 15c; ¼ Lb., 40c; Lb., $1.25.**

LARGE RED GLOBE—This celebrated variety differs from the Wethersfield in being almost a perfect globe, and matures later, and by its handsome appearance on the market sells better. An excellent keeper. **Price:. Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50; 10 Lb., $14.00.**

GIANT YELLOW PRIZE TAKER—Our new Giant Yellow Prize Taker cannot be recommended too highly. There is a limit to the good qualities of other Onions. There is no limit to this wonder of the Onion world. The king of all main crop varieties. Color is of a beautiful straw hue with pure white flesh. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

LARGE WHITE GLOBE—This celebrated Onion in appearance and quality is one of the finest in cultivation. Perfectly globe-shaped, with pure white skin; fine grained and of excellent flavor. A good keeper. Like all globe-shaped varieties, it is later in ripening than flat sorts, but brings a higher price on the market. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c; Lb., $2.00.**

WHITE BERMUDA—It is one of the earliest in maturing, is of a straw color with pure white flesh. Very profitable for market; early. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c; Lb., $2.50.**

Onion (Zwiebeln)

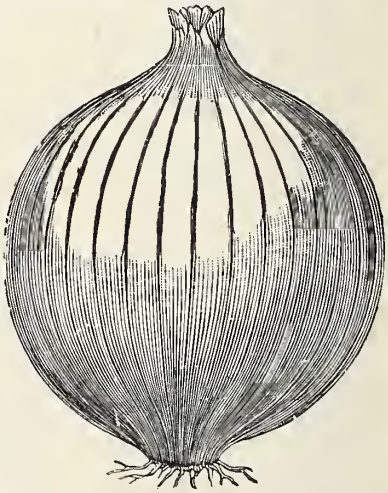
An ounce will sow 100 feet of drill. Four to five pounds to the acre.
(By Parcel Post see inside front cover.)

MAMMOTH SILVER KING (White Garanus)—One of the greatest, grandest and most delicious Onions ever offered. Grows very large, early; flat, but thick through; tender and of very mild sweet flavor; uniform in size and shape. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.75.**

SILVERSKIN HOME GROWN—Crop failed.

PHILADELPHIA SIVERSKIN—One of the leading white sorts, beautiful shape and mild flavor. It is largely used for growing sets on account of its fine shape when small, and also for its good keeping qualities. It is also extensively used as a pickling onion. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50; 10 Lbs., $14.50.**

YELLOW GLOBE DANVERS—A very handsome round or globe shape variety of large size, with thin, yellow skin, white flesh, fine grained, mild, very firm, and the best of keepers. It ripens early, sells readily at the highest prices in our markets. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**



Onion Sets

Prices Subject to Change.

(32 Pounds to the Bushel)

POTATO ONIONS—The small bulbs increase in size and the parent bulb produces a quantity of bulbs in a cluster. Mild, sweet flavor. The earliest to make a large ripe bulb. The large bulbs produce the small, and the small the large, alternately. For best results plant potato sets in Fall. **Price,** large or small sets: **15c per Lb., Bu., (40 Lbs.), $4.00.**

	Qt.	Gal.	Pk.	Bu.
YELLOW BOTTOM	15c	40c	75c	$2.75
WHITE BOTTOM	15c	40c	75c	3.00
RED BOTTOM	15c	40c	75c	2.75
WHITE MULTIPLIERS			20c	60c 1.00

Winter Tops (Or Perennial Tree Onion)—Only in Fall and 28 Lbs. per Bushel. Write for prices.

Garlic

USED for flavoring soups, stews and other dishes. The crop matures in August, when it is harvested like the onion crop. **Price: 25c per Lb., or 10 Lbs., $2.00.**

Peas (Erbsen)

(Peas by Parcel Post See Inside Front Cover.)
One quart will plant 100 feet of drill. One to one and a quarter bushels per acre.

Extra Early Varieties

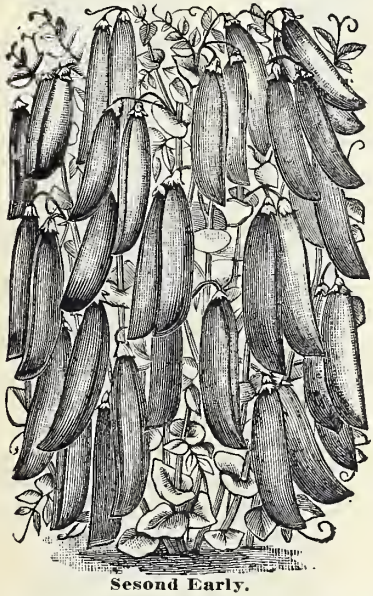
ST. L. S. CO.'S IMPROVED EXTRA EARLY—The King of all extra earlies. Superior to all rivals. Very prolific, bushes becoming loaded with large, smooth green peas of beautiful texture. Matures in from 40 to 45 days after germination, very uniformly. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., $1.50; Bu. $5.50.**

ALASKA—One of the earliest smooth varieties. Pods are a dark green color, extra well filled and ripen very uniformly. Height about 2 feet. **Price: Pkt. 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., $1.50; Bu., $5.50.**

FIRST OF ALL, or ECLIPSE—This is the wonderful new improved Pea that we offered last season, and which met with such hearty approval from growers everywhere. Pods grow large and solid and contain from one to two more Peas to a pod than any other variety. Vines average a height of about 24 to 26 inches, and produce pods in abundance. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., $1.75; Bu., $6.50.**

St. L. S. Co. Impr. Extra Early.

Seeds by Parcel Post
Seeds by pound, Beans, Corn and Peas by pint & and quart, See inside front cover



Sesond Early.

Second Early and Main Varieties

GRADUS, or PROSPERITY—See Novelty page 7.

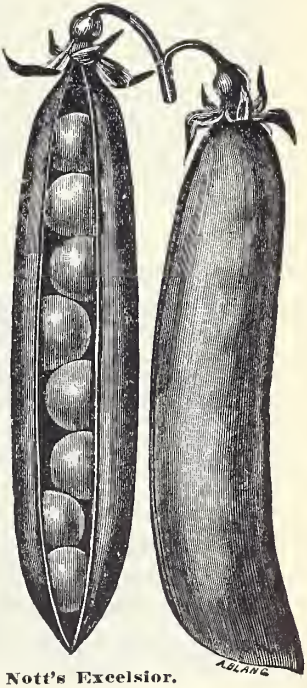
SUTTON'S EXCELSIOR—See Novelty page 7.

ST. L. S. CO.'S NOTT'S EXCELSIOR—Our new strain of this celebrated standard variety is indeed a winner. Everybody knows the merits of this famous variety. In brief, this new strain combines all the good qualities of the dwarf varieties. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., $1.75; Bu., $6.50.**

AMERICAN WONDER—An early dwarf Pea that is a wonderful bearer. Its bushes, growing only about one foot high, are literally covered with pods of dark green texture. A good home sort. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., $1.75; Bu., $6.50.**

TELEGRAPH—Stronger growing and hardier in vine with darker foliage and pods than the Telephone; peas very large and of dark green color; seed almost smooth. Vines tall, about four to four and one-half feet. Pods very large, about four and one-half inches long. A splendid sort for the market garden; will give good returns even under conditions that would cause most varieties to fail. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; 4 Qts., 90c; Bu., $6.50.**

ST. L. S. CO.'S NEW SUPERIOR—This fine new pea is of the Telephone type, excepting that the pods are of darker color. The growth is strong, robust and exceedingly productive. Peas are of large size and unsurpassed in quality. We highly recommend it to market gardeners as a splendid yielder of very large and attractive pods. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., $1.75; Bu., $6.50.**



Nott's Excelsior.

ST. L. S. CO.'S SECOND EARLY—This Pea is one of the finest second early Peas on earth, with the exception of New Superior. We say this, **weighing each word, and repeat it.** Ripens about two weeks later than our Extra Early variety. Height about two feet. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., 90c; Pk., $1.75; Bu., $6.50.**

BLACK-EYED MARROWFAT—An old-time favorite. Height five feet. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., $1.50.**

WHITE MARROWFAT—Like the Black-Eyed Marrowfat; this variety is extensively sown as a field crop. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 25c; Gal., 75c; Pk., $1.50.**

TALL MELTING SUGAR—A foreign Pea, little known in this country. A wonderfully productive sort. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $2.00.**

EDIBLE POD DWARF GREY SUGAR—Of a dwarf growth, a fine edible pod when young. **Price: Pkt., 5c; ½ Pt., 10c; Pt., 15c; Qt., 30c; Gal., $1.00; Pk., $2.00.**

Pepper (Pfeffer)

Pkt., Oz., ¼ Lb., Delivered by Parcel Post Free in U. S.
One ounce will produce about 2,000 plants.

CHINESE GIANT—The largest and handsomest Pepper in the world, twice the size of its nearest rival. They grow to the enormous size of five to six inches across the top. The flesh is very mild and sweet and also very thick. **Price: Pkt., 10c; ½ Oz., 20c; Oz., 40c; ¼ Lb., $1.25.**

CRIMSON KING—See page 8.

RUBY KING—One of the standard Peppers, very large and of mild flavor. Bright ruby red color. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.**

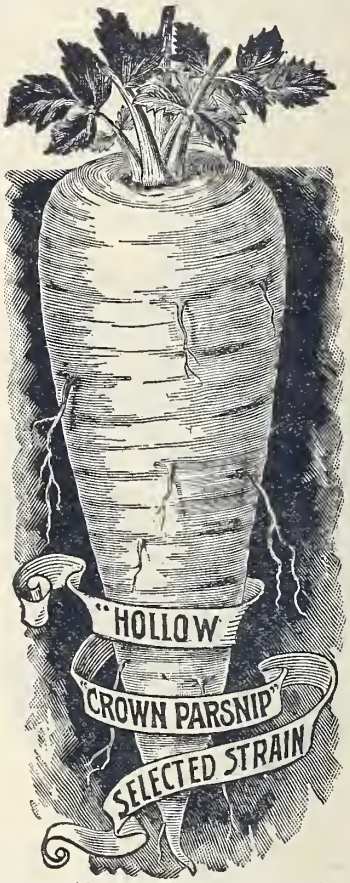
BELL OR BULL NOSE—Early and of mild flavor. A favorite for pickling. Large, bright red, thick flesh. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.**

SWEET MOUNTAIN—Larger in size and milder in flavor than Bell or Bull Nose. Very productive. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.**

LONG RED CAYENNE—Of dwarf growth, bearing long, pungent pods. Very productive. An ideal home variety. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.**

RED CHILI—Smaller and later than Cayenne. Extensively used for pepper sauce. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

RED CHERRY—The finest of the small, round varieties. Excellent for pickles, sauce, etc. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**



Parsley (Petersilie)

By Parcel Post See Inside Front Cover.
One ounce will sow 150 feet of drill.

EXTRA CURLED—The leaves are large, beautifully curled, and of a very dark green. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15; Lb., 50c.**

PLAIN—Leaves are plain or single, and are very dark colored. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

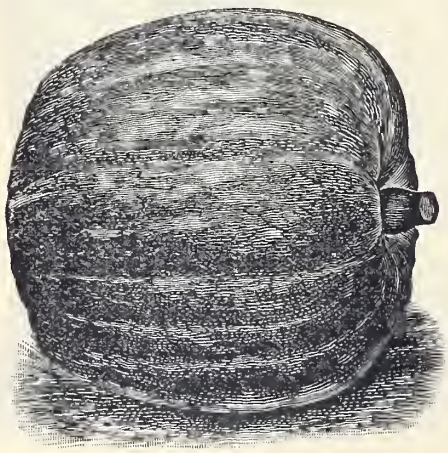
HAMBURG (or Rooted Parsley)—Used for flavoring soup, etc. **Price: Pkt., 5c; Oz., 10c; ¾ Lb., 20c; Lb., 60c.**

Parsnip (Pastinake)

(By Parcel Post See Inside Front Cover.)
One ounce will sow 100 feet of drill. Five to six pounds to the acre.

HOLLOW CROWN (Large Sugar)—The best and most widely cultivated variety. Grows long, smooth, tender and is very sugary. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

LONG WHITE—A smooth and very tender variety, well flavored. Also called Arlington Long Smooth. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**



Pumpkin

(Kuerbisz)

(By Parcel Post See Inside Front Cover.)
One ounce will plant 20 hills.

GENUINE MAMMOTH—A beautiful salmon-colored variety, prized highly by growers everywhere for exhibition purposes. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., $1.00.**

Large Cheese—Shape flat; skin mottled light green and yellow, changing to a rich cream color. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

KENTUCKY FIELD—A large, round, slightly ribbed, soft shell, salmon-colored Pumpkin, that is very productive and excellent for stock. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

LARGE YELLOW FIELD—A good stock variety, planted chiefly among corn. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

SMALL SUGAR—Best for home use. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

JAPANESE PIE—Similar in size and form to the well-known Cushaw, but the skin is a deep green, with dark stripes, turning to a rich golden yellow. Flesh deep yellow of fine quality. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., 90c.**

Radish (Radies und Rettig)

(By Parcel Post See Inside Front Cover.)
One ounce will sow 100 feet of drill.

FIRE BALL—See Novelty page 8.

EARLY SCARLET TURNIP—The famous small round red. Crisp, tender, solid and brittle. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

EARLY SCARLET TURNIP WHITE TIP—This excellent variety differs from the regular Early Scarlet Turnip W. T. Radish only in being more beautifully tipped with white. Very attractive. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c; 10 Lbs., $3.50.**

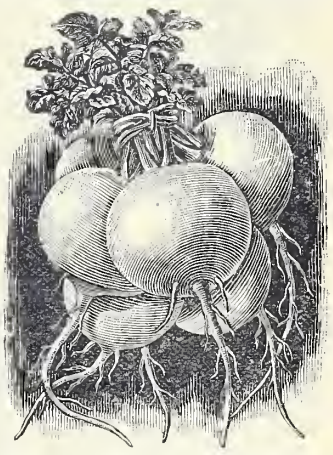
ST. L. S. CO.'S CRIMSON GIANT—The quickest growing small round Radish in existence; ready for the table in 22 days from sowing. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.**

PHILADELPHIA WHITE BOX—This famous white turnip-shaped or globe-shaped Radish is the foremost of its class. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

EARLY SCARLET GLOBE—It is entirely distinct and one of the earliest. In flavor it is mild, crisp to juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 75c.**

FRENCH BREAKFAST—Too well known to need any introduction. Scarlet with white tips. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

NEW WHITE PEARL FORCING RADISH—It is a most beautiful pearly white, of waxy appearance; very firm and solid. When properly grown in greenhouse or hotbed, this Radish has a smaller top than when grown in the open field. **All things considered, we pronounce it the best general purpose white market Radish in existence; splendid for the home garden. Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**



ST. LOUIS WHITE SUMMER—It is not only the favorite white summer Radish in St. Louis and vicinity, but it is popular on the market everywhere. Skin and flesh pure, clear white, tender. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

Long White Strassburg.

LONG WHITE STRASSBURG—Oblong shaped, tapering gracefully to a point. Of large size, good quality and resists heat remarkably well. Very tender, and of a delightful, pungent taste. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c; 10 Lbs., $3.50.**

YELLOW SUMMER TURNIP—Stands the heat well; and can be sown late. A general favorite with market gardeners; globe-shaped. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

WOOD'S EARLY FRAME—In shape half long; much used for forcing. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

CINCINNATI MARKET—This is an excellent Radish of the long variety, being of a beautiful brilliant scarlet color. It has an unusually small top. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

ICICLE—Extra early, smooth, long, white. Derives its name from the transparent whiteness of its roots. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

WHITE LADY FINGER (Long Vienna)—Of slender, graceful form and remarkably crisp, brittle and tender. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

YELLOW OVAL SHAPED—A fine summer turnip-shaped variety; yellow in color, but white meat and tender. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

Fall and Winter Varieties

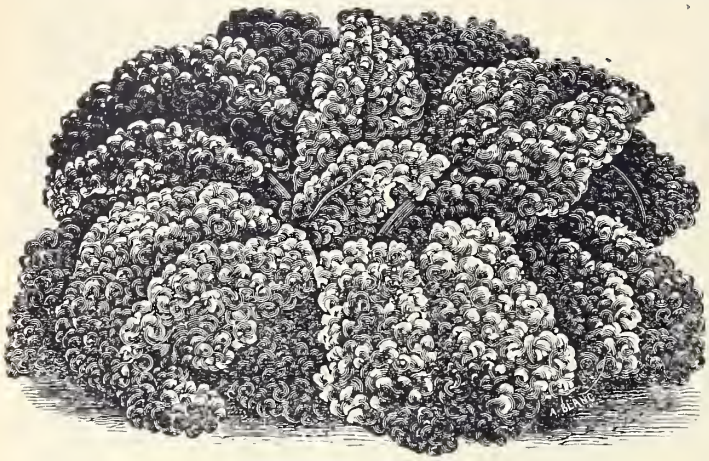
ROUND BLACK SPANISH—Grows to a large size; very solid. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 75c.**

LONG BLACK SPANISH—One of the best for winter use. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

WHITE SPANISH—Very solid and tender. The best white Radish for late Fall Planting; largely used by our market gardeners. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 50c.**

ROUND SCARLET CHINA—Root round, of a fine scarlet color. Extremely solid and a most excellent keeping variety. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.**

ROSE COLORED CHINA—Form conical; large size; firm and tender; of fine flavor. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.**



Bloomsdale Savoy.

Spinach (Spinat)

(By Parcel Post See Inside Front Cover.)

One ounce will sow 50 feet of drill. 20 to 30 pounds will sow an acre.

BLOOMSDALE or SAVOY—The most poular variety with market gardeners. The leaves are wrinkled in the same manner as the Savoy Cabbage. A crop of this variety weighs much heavier than any other sort. It grows very quickly. Fine for Fall sowing. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 25c; 10 Lbs., $1.50; 100 Lbs., $11.00.**

LONG STANDING — The best for Spring sowing. Stands a long time before shooting to seed. Large, thick leaves, excellent for greens. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 25c; 10 Lbs., $1.50; 100 Lbs., $11.00.**

ROUND THICK LEAF — Leaves round and almost smooth. Will stand extreme cold weather, as the leaves are thick and lie close to the ground. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 25c; 10 Lbs., $1.50; 100 Lbs., $11.00.**

LONG SEASON CURLED—Leaves large and fleshy. An excellent market sort. Good for either Spring or Fall sowing. Grown extensively now in the East. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 25c; 10 Lbs., $1.50; 100 Lbs., $14.00.**

PRICKLY WINTER—A very hardy variety and will withstand severe weather better than any other sort. It is used largely for fall sowing. **Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 25c; 10 Lb., $1.25.**

NEW ZEALAND—Makes a luxuriant growth all summer. In appearance entirely distinct from other Spinach. Its quality is very desirable and tender. Soak the seed in warm water before planting. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 50c.**

Long Standing.

Tobacco

DARK PLUG WRAPPER—Big Oronoka—A favorite Virginia variety. Grows very large, broad leaves. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c.**

MISSOURI BROAD LEAF—A well-known standard sort; very large yielder, and ideal sort for home use. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c.**

PLUG FILLER — Yellow Prior—An elegant variety, of bright yellow color. Grown exclusively for factory as well as home use. Fine for twists. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 75c.**

Mo. Broad Leaf.

WHITE BURLEY—The standard main crop variety which produces one of the most fashionable types for manufacturing and cutting. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 30c; ¼ Lb., $1.00.**

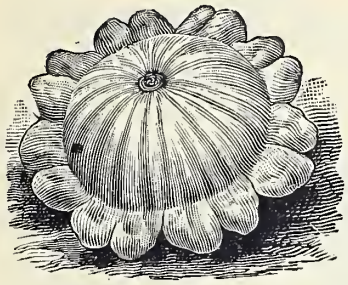
CIGAR WRAPPER — Havana — The leading smoking variety. Commands a high price for cigar stock. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 30c; ¼ Lb., 90c.**

Rhubarb (Rharbarber)

EARLY LINNAEUS—The earliest and tenderest variety, fine for sauce, pies, etc. Grown largely by gardeners for early market. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c.**

MYATT'S VICTORIA—Later than Linnaeus, but mammoth in size; also of a finer quality. Very juicy, tender and almost stringless. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 40c.**

RHUBARB ROOTS—Strong roots. One year old. **Price: Each, 5c; Doz., 50c; 50, $2.00; 100, $3.50.** Two year old. **Price: Each, 10c; Doz., $1.00; 50, $3.50; 100, $7.00.**



Mammoth White Scallop Bush.

Squash (Speise Kuerbisz)

(By Parcel Post See Inside Front Cover.)
One ounce of the small seeded varieties will plant 40 hills; of the large seeded, 15 hills.

MAMMOTH WHITE SCALLOP BUSH—This handsome, large white variety is about twice the size of the Early White Scallop Bush, purer white color. In quality it is much superior to the above and is very early. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

YELLOW SUMMER CROOKNECK—This famous variety is an ideal baking sort as well as being enormously productive. It is of a bush form. Small crooked neck, with warts. **Price. Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

EARLY WHITE SCALLOP BUSH (White Patty Pan or Cymlins)—A beautiful white Squash of light cream color, large size, flat. Elegant for home use. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

MAMMOTH CHILI—It is of the highest value as a stock food, far exceeding ordinary pumpkins in this respect. Has reached the enormous weight of 100 pounds. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

WINTER CROOKNECK—Skin green, mottled and striped like Cushaw Pumpkin. Long, solid neck. Dry and sweet. Fine keeper. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 60c.**

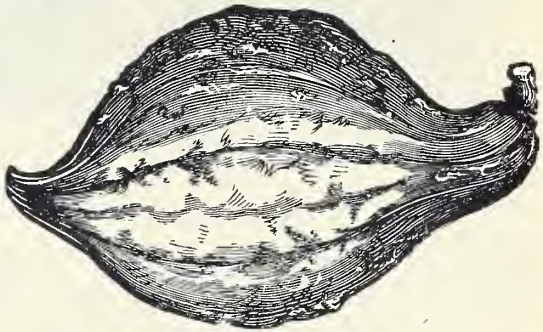
HUBBARD—The leading Squash for Fall and Winter use. Flesh dark yellow, fine grained. **Price Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

WARTED HUBBARD—This is similar in size and quality to the well-known Hubbard, while the large, dark, olive-green fruits are supposed to be slightly more heavily warted. **Price: Per Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

VEGETABLE or ITALIAN MARROW—The very earliest of all the Squashes. Although usually eaten when quite small still it is good for the table when nearly full grown. The color is dark green at first, but changes to a lighter green as it matures. **Pkt. 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00.**

IMPROVED STRIPED CUSHAW—It is of a beautiful variegated coloring, producing stripes of a mottled effect. Very prolific and of medium size; an ideal baking variety. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

DELICIOUS—A very early winter variety of medium size. It varies somewhat in color and form, usually oval shaped with green, smooth skin, sometimes slightly mottled. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**



Hubbard Squash.

Turnip

Purple Top White Globe

One ounce will sow 200 feet of drill, one to two pounds for an acre.

CULTURE—For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly, thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the corn field at last cultivation.

EXTRA EARLY PURPLE TOP MILAN—Fully a week earlier than any variety. Flat and smooth; of medium size. Pure white flesh of choice quality. A good keeper. Fine table variety to grow either in Spring or Fall. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 25c; Lb., 75c.**

PURPLE TOP WHITE GLOBE—This famous purple top turnip is very desirable for home gardens, and a favorite with market gardeners on account of its shape, size and beauty. Flesh pure white, with a red or purple top. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 30c; 10 Lbs., $2.75.**

PURPLE TOP FLAT STRAP LEAF—The standard variety. Pure white, except the purple outer skin above ground. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 35c; 10 Lbs., $3.00.**

WHITE GLOBE—The king of all mammoth white Turnips. Immense white, globe-shaped roots. Considering the size, it matures early. A very good autumn variety. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

YELLOW OR AMBER GLOBE—Is the staple yellow Turnip, both for table and for feeding stock. Heavy cropper and keeps well. Flesh firm and sweet. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

WHITE EGG—A very quick growing Fall Turnip. Should be sown in August. Oval or egg shaped, flesh very firm and fine grained, flavor mild and sweet. A fine cooking variety. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

SEVEN TOP—Grown only for the tops, which are used for greens or salad in the South. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

Ex. Early Purple Top Milan.

Rutabaga

AMERICAN YELLOW PURPLE TOP—The most satisfactory variety of Rutabaga to grow for either family use or stock feeding. Is very hardy and productive. Flesh, yellow, solid and sweet. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 15c; Lb., 40c.**

Tomatoes

(Liebesapfel)

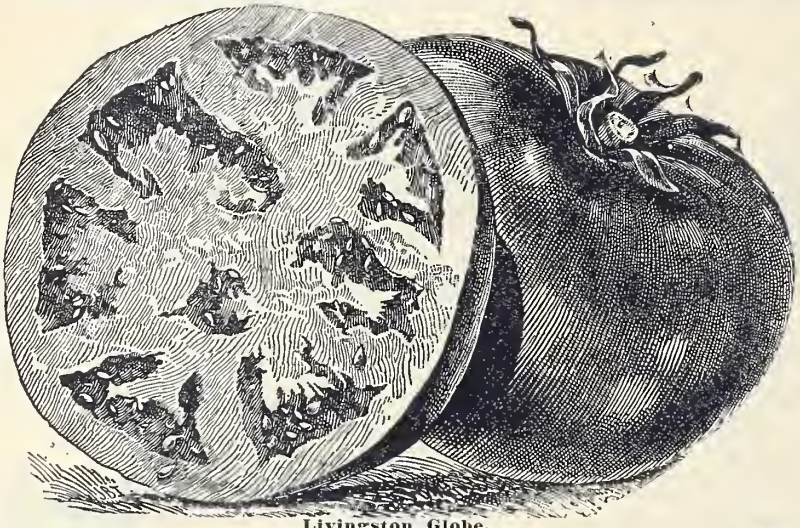
(By Parcel Post See Inside Front Cover.)

One ounce will produce about 2,000 plants.

ST. L. S. CO.'S IMPROVED WHITE'S EXCELSIOR — See Novelty page 8.

EARLY DETROIT — The largest and best of the early purplish pink tomatoes. Vine vigorous and very productive. Fruits very smooth, uniform in size, nearly globe shaped, firm, and of excellent quality. Well adapted for shipping. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $3.00.**

LIVINGSTON'S BEAUTY—This standard Tomato is well known. Grows in large clusters and retains its large size late in the season. Color, "purple." **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 60c; Lb., $2.00.**



Livingston Globe.

LIVINGSTON GLOBE—Its form is of a globular shape, hence its name. Very solid, of a purple color, very deep from stem to blossom end. Very early; a good market sort; fine for packing in small baskets for market. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $2.50.**

DWARF CHAMPION—This famous Tomato is a favorite home garden variety. Its stiff, upright stocks are so sturdy as to hold the fruit well above the soil. It is earlier than large sorts. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $2.50.**

STONE—This celebrated Tomato is without exception the standard leading variety for canning, also for home use. The fruit is of large size, perfectly smooth, and of best quality. It's shape, color and quality adapt it to the fancy trade. Color, bright red. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50.**

PONDEROSA TOMATO is in every way splendid. It excels in magnificent size, often attaining a circumference of 18 inches; perfect in form; free from wrinkles and fissures; as smooth as glass and as solid and meaty as beefsteak, and almost seedless. It ripens thoroughly, its glowing crimson color permeating the flesh to the heart; it is free from rot, but, above all, the delicious quality and flavor are its crowning merits—toothsome and rich when sliced. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $3.00.**

Early Detroit

MAGNUS—Flesh is very firm. It is a robust grower, setting its clusters closer together than other varieties. The fruits are usually very deep from stem to the blossom end. **Price: Pkt., 5c; ½ Oz., 10c; Oz., 20c; ¼ Lb., 65c; Lb., $2.00.**

MAMMOTH LARGE RED—This famous variety is enormous both in size and yield, it being one of the largest smooth, round, red Tomatoes. Clear, bright red color. Flesh is thick and heavy. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.**

BUCKEYE STATE—A Beautiful, large, smooth, round variety. It is an immense cropper, bearing its fruit in large clusters, often six to eight in a single cluster. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c; Lb., $2.50.**

GOLDEN BALL—A beautiful large, round, yellow sort. Very fine flavored. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

HUSK, OR GROUND CHERRY—A favorite canning or preserving variety. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

PEACH—Size, shape and color of a peach. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

YELLOW PEAR—Excellent for "putting up." **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c; ¼ Lb., 75c.**

YELLOW PLUM—Popular small yellow for preserving. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

RED CHERRY—Fruits small, about five-eighths of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

RED PEAR—Used for preserves and to make "Tomato Figs." Fruits bright red, distinctly pear shaped and of excellent flavor. Our stock is the true pear shaped and not the larger red Plum Tomato often sold under this name. **Price: Pkt., 5c; ½ Oz., 15c; Oz., 25c.**

Vegetable Plants and Roots

	Weight of Plant. 1 Doz.	25	100
Cabbage	....	2 lb	5 lb
Egg Plant	1 lb	....	8 lb
Lettuce	....	1 lb	3 lb
Pepper	½ lb	....	4 lb
Tomatoes	1 lb	....	8 lb

	Doz.	50	100	1000
Asparagus Roots. Columbian Mammoth	$0.15	$0.50	$0.75	$5.00
Palmetto	.15	.50	.75	5.00
Cabbage, Ex. Ea. Jersey Wakefield .....25 for $0.20		.35	.55	3.50
All Season .....25 for .20		.35	.55	3.50
St. L. Late Market 25 for .20		.35	.60	4.50
Cauliflower, Ea. Dwarf Erfurt	.15	.90	1.50	....
Ea. Snowball	.15	.90	1.50	....
Chives, per clump, 10c	1.00	....	....	....
Celery, White Plume	.15	....	.50	4.00
Golden Self Blanching	.15	....	.50	4.00
Egg Plant, Imp. Oval Spineless	.15	.90	1.50	....
Kohl Rabi .....25 for $0.20		.30	.50	....
Horse Radish Roots	.10	.40	.60	4.50
Lettuce .....25 for $0.20		.30	.50	4.00
Peppermint, each, 10c	1.00	....	....	....
Rhubarb, 3-year-old, each 10c	1.00	3.50	7.00	....
1-year-old, each, 5c	.50	2.00	3.50	....
Sweet Potatoes, Red, yellow and white, not less than 50	....	.25	.40	3.50
Pepper, Bell or Bull Nose	.15	.50	1.00	....
Chinese Giant	.15	.50	1.00	....
Red Cayenne	.15	.50	1.00	....
Tomatoes, Ponderosa	.15	.50	1.00	....
Magnus	.15	.50	1.00	7.00
White Excelsior	.15	.50	1.00	....
Dwarf Champion	.15	.50	1.00	....
Stone	.15	.50	1.00	....

Note—In order to meet the demand for strong vigorous Tomato plants we offer special large transplanted plants for those who prefer to have them. These plants, when set out, grow very rapidly, producing handsome, well-shaped vines that yield far better and earlier than ordinary transplanted stock at 25c per Dozen.

STRAWBERRY PLANTS

Early and Late Varieties, 50 for 40c, 100 for 75c

Mushroom Culture (Champignon-Brut)

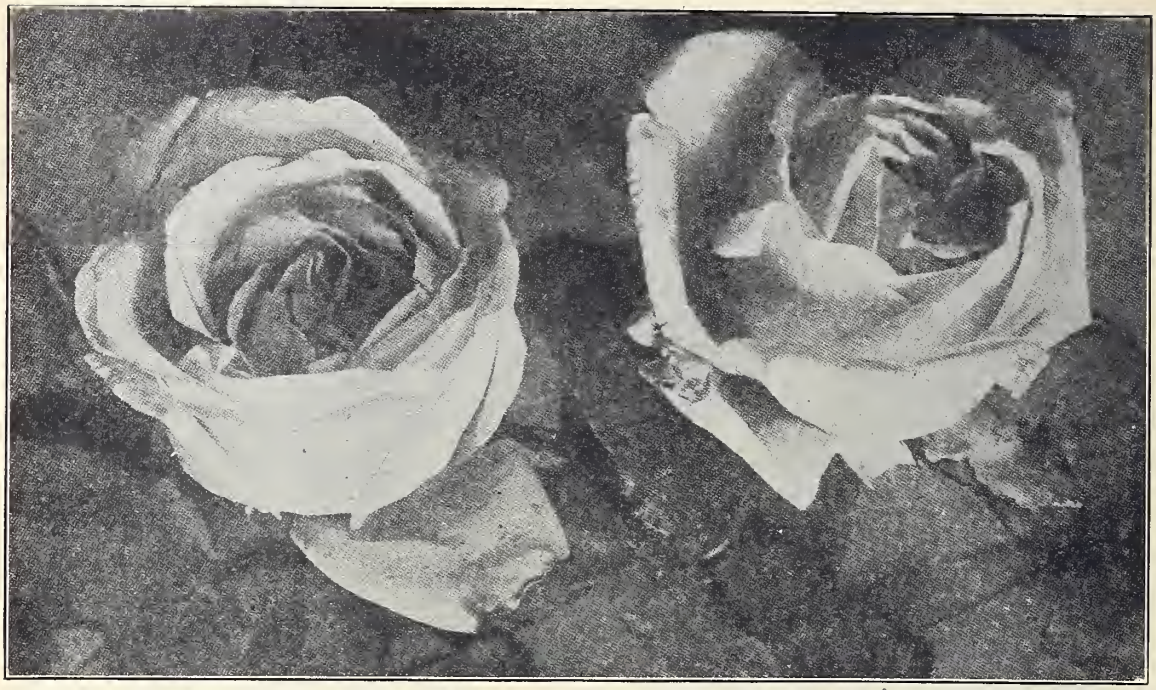
GET OUR DIRECTION HOW TO GROW MUSHROOMS—IT'S FREE.

MAY be grown in a great variety of situations—a dark room, cellar, stable or elsewhere. Any place in which an even temperature of about 50 or 60 degrees can be kept, is suitable. For materials for the bed, use fresh horse manure, free from straw or chips, and good loamy soil. Some growers use the manure unmixed with loam, after first having well fermented it by alternately piling up and mixing for a few weeks; but it is undoubtedly better not to allow the manure to heat much before forming the bed. Use one-fourth to one-third loam, the rest manure. Mix very thoroughly and upon a dry, firm bottom; make the bed of this mixture about four feet wide, and of any desired length. Build it up evenly, pressing it down very firmly, and leave it about a foot high. It will shortly begin to heat. Use a thermometer to thrust into bed, and note the temperature. When the heat has partially subsided, leaving a temperature of 70 to 80 degrees, put in the spawn. Pieces from the size of walnuts to that of eggs are placed in the bed about a foot apart, deep enough to cover them well, and the manure pressed down. Let it remain thus ten or twelve days; then cover with two inches of fresh loam, and make this moderately firm.

The bed is finished by covering all with 4 or 5 inches of straw or other litter. Watering is not necessary unless the surface of the bed gets very dry; in this event moisten freely with water at a temperature of about 80 degrees. In gathering the crop do not cut, but twist them off carefully filling up the holes with loam to keep insects from the roots. In six or eight weeks from spawning the beds, mushrooms should appear.

GENUINE ENGLISH MILLTRACK SPAWN—Large Brick—One pound English Spawn will spawn about 6 square feet.

Postpaid 25c. By Express or Freight, Brick, 20c; 6 for $1.00; 50 Lbs., $5.00; 100 Lbs., $10.00.



Hardy Everblooming Roses

Soil—Roses delight in a clay loam, enriched with well-rotted barnyard manure. Dig up the soil thoroughly to a depth of 12 to 15 inches, pulverize well; do not raise beds above the level of the surrounding soil. Soak the bed occasionally during the summer with weak manure water.

Varieties marked "H. P." are Hardy Perpetual. "H. T." Hybrid Tea Roses.

Roses by Parcel Post see inside front cover, weight of strong plant about 1½ Lbs., each.

ANNA DIESBACH—Bright rose color, very large and showy; particularly fine in bud; flowers slightly cupped. A vigorous grower; one of the best.

"AMERICAN BEAUTY"—A hardy Rose of the largest size, having the ever-blooming qualities of the Tea Rose, consequently equally valuable for winter or summer flowering. In color, it is deep, brilliant rosy-carmine, shaded toward the center with rich carmine-crimson. This is unquestionably the most popular Rose now before the public, a popularity due entirely to its splendid value as a winter-forcing variety. It has, however, much value as a garden variety and is very much sought after.

GRUSS AN TEPLITZ (H. P.)—This grand rose has proved **one of the best and most valuable Hardy Crimson Ever-blooming Roses for garden planting.** The color when first opening is a very dark, rich crimson; as the flower opens it discloses bright scarlet, shading to velvety, fiery red. The flowers on well grown and established plants are large and full, very showy and handsome.

J. B. CLARK (H. P.)—Brilliant crimson with intense scarlet lights on the upper surfaces. In size, form, color and texture it stands supreme in its color. It is very fragrant, a vigorous grower, fine foliage.

BARON DE BONSTETTEN (H. P.)—Blackish crimson, vivid red shadings. Considered by many to be the finest dark crimson Rose.

DUKE OF EDINBURGH (H. P.)—Very bright vermillion; a large, full, perfect flower.

FRAU KARL DRUSCHKI (H. P.)—Splendid buds and immense flowers, perfectly double and delightfully fragrant, large thick petals, very durable and handsome. Bright, shining green leaves, elegantly veined; a healthy vigorous grower, entirely hardy and a constant and abundant bloomer. The most beautiful and largest snow-white Rose now before the public.

GENERAL JACQUEMINOT (H. P.)—Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation; does well everywhere.

GLORY de MORGOTTIN (H. P.)—Free growing and vigorous for its color, it is remarkably constant in blooming, every new shoot producing a flower. The blooms are bright dazzling red, the buds are well formed, the fragrance is delightful, and taken altogether, it is a variety that should be generally planted.

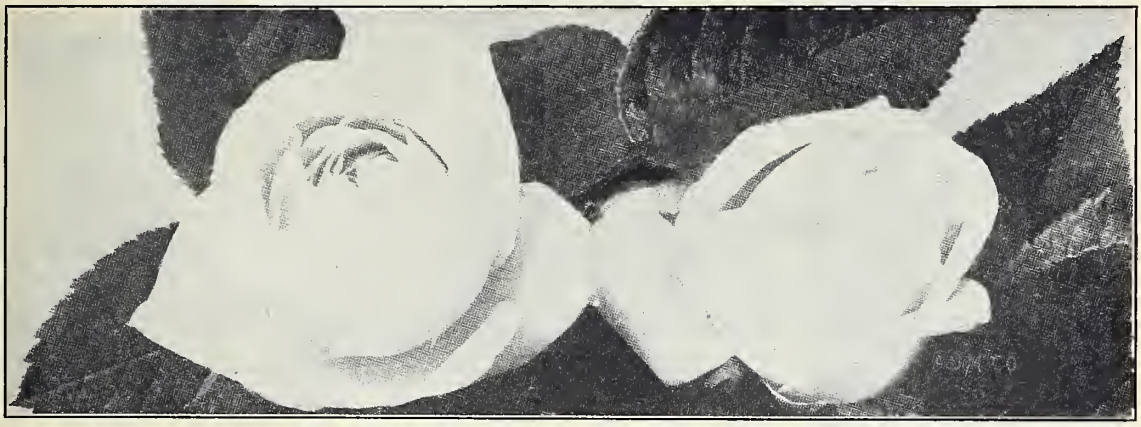
MRS. JOHN LAING (H. P.)—Soft pink; large and of fine form, produced on strong stems; exceedingly fragrant; one of the most valuable varieties and flowers continuously in the open ground. The most beautiful rose of recent introduction.

KAISERIN AUGUSTA VICTORIA (H. T.)—Pearly white softly tinted with lemon in center; fragrant. A strong, healthy grower, with bold, beautiful foliage. Particularly hardy, and one of the most beautiful roses in cultivation.

WM. R. SMITH (H. P.)—This magnificent variety is an American-raised, pedigree seedling. It inherits hardiness, constitution, fine habit, grand foliage and superb flowers. The color is a deep ivory-white overlaid with a good, bright shade of pink. As a summer rose it ranks with the best.

Price: All above 2 years field grown Hardy Roses: Each, 30c: Doz., $3.00

Hardy Everblooming Roses—Con't.



Hardy Everblooming Roses

CAROLINE TESTOUT—One of the most popular and valuable bedding varieties; large, full, globular flowers of bright satiny-rose, with brighter centre; very free and fragrant.

DWARF BABY RAMBLER—A beautiful plant when in bloom, being very small and full of blooms and clusters; well known.

ETOILE DE FRANCE (H. P.)—Is a strong grower, excessive bloomer, almost thornless. It has beautiful dark green foliage, splendid buds, generally appearing singly on long, strong stems; flowers are very large and beautiful in shape, very full and open easily; color superb garnet red, center of flowers very vivid.

HERMOSA (H. T.)—The color is a clear, fresh, bright pink. The flowers are fairly double, cupped petals and of medium size; they are borne in clusters and in lavish profusion. It is hardy with protection and is sweetly fragrant.

KILLARNEY WHITE (H. T.)—A pure white "sport" from the pink Killarney; equal to it in all the good points of the latter, superior to it in some. One strong point of superiority is that it has more petals than the parent variety, of greater substance, so is of greater value for outdoor bedding. The buds and flowers are beautiful beyond description; many consider it easily the finest white garden Rose in cultivation.

KILLARNEY PINK (H. T.)—A very beautiful Hybrid Tea Rose. The color is an exquisite shade of deep shell-pink lightened with silvery-pink. The base of the petals is a soft silvery-white, relieved with enough yellow to make it more attractive. The buds are exceptionally long and beautifully formed, the open flower is graceful in the extreme. Hardy in this climate without protection. In the garden the flowers are very lasting, the coloring remaining clear and bright to the last, declicate Tea Rose fragrance.

LA FRANCE. Peach-blossom color, shaded pink and silver-rose. The flowers are large and beautiful either in the bud form or when fully expanded. It is very free blooming, every shoot forming a beautiful flower and most deliciously fragrant.

MAGNA CHARTA (H. P.)—Bright pink suffused with carmine; a beautiful Rose and a strong, vigorous grower.

MME. ABEL CHATENAY (H. T.)—One of the most popular Roses in England, both in the garden and as a cut flower, thousands of its beautiful buds being sold daily on the streets of London; it succeeds equally as well here, is a strong grower and produces very freely beautiful flowers of carmine-rose shaded with salmon.

MME. RAVARY (H. T.)—Should be in every collection on account of its distinct color which is of a rich, deep nankeen-yellow, becoming lighter as the flower expands. The flowers are of splendid form, full, double and very fragrant.

PAUL NEYRON (H. P.)—Flowers of immense size, often five inches in diameter. Color deep clear rose, very fresh and pretty. The plant is a strong, healthy grower, with glossy foliage, and is one of the most prolific bloomers in the Hybrid class, young plants in the nursery rows blooming almost without intermission from June to late October.

RICHMOND (H. T.)—One of the best red Roses yet produced. It comes to perfection with very little care. It is a constant bloomer, very fragrant, with a color approaching a deep scarlet in tone. It has long pointed buds on tall, straight stems, with elegant dark foliage. A superb Rose in every sense of the word.

SOLEIL D'OR (H. P.)—The coloring of the flowers is very rich, a marvelously rich shade of chrome yellow with a glint of coppery-rose in the center. The expanded flower is full, large and globular, the center petals being well incurved, forming a perfectly double bloom. The coloring in the fully expanded flower is gloriously superb. Turneresque in its blending of reddish-gold, orange-yellow.

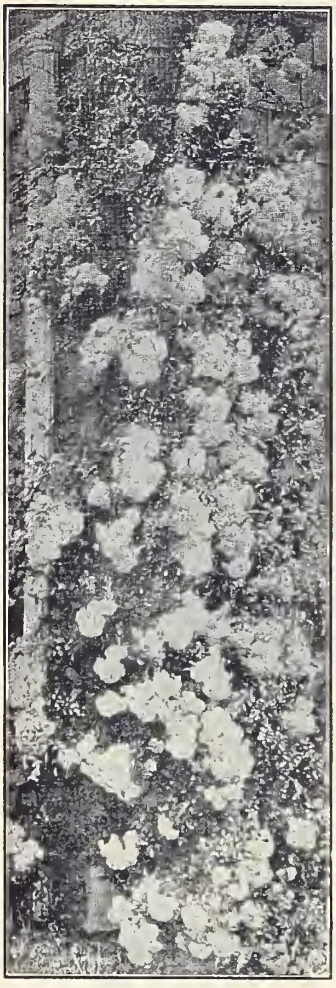
Moss Roses

BLANCHE MORREAU—This fine variety is highly recommended; flowers are produced in clusters, and are large, full and sweet; the color is pure white; both flowers and buds have an abundance of deep green moss.

SEEDS BY PARCEL POST
We deliver Free in U. S. all Vegetable or Flower Seeds by the packet, ounce or quarter pound.

Price All above 2 years field grown Hardy Roses: Each 30c., Doz., $3.00.

Use Sheep Manure on Your Rose Bushes



Crimson Rambler.

Hardy Climbing Roses

Weight of Climbing Roses about 2 lbs. Each.

DESIRABLE for covering trellises, walls or porches, as they succeed under any circumstances. Perfectly hardy, blooming in clusters of medium sized flowers. Since the introduction of the Crimson Rambler, in 1894, this class of Roses has continued to gain in popularity. Many splendid varieties have been added during the past few years. The best and most distinct of these we offer the following.

CRIMSON RAMBLER—Have you a fence or tree stump to cover, or a veranda or trellis? Try a Climbing Rose—there's nothing better for covering it and nothing prettier. None is more popular than the CRIMSON RAMBLER. It makes vines 10 to 12 feet high after the first year, and a mass of flowers. **Price: Each, 25c; per Doz., $2.50.**

CLIMBING AMERICAN BEAUTY— A Rose of great merit. A cross between American Beauty and an unnamed seedling; color a rosy crimson. The plant is of strong habit of growth, making shoots of ten to fifteen feet in one season, and as hardy as an oak. The flowers are from three to four inches in diameter, of fine form, and are produced in great profusion, not only in May and June, but there is a fair sprinkling of flowers throughout the growing season. **Price: Each, 35c; Doz., $3.50.**

DOROTHY PERKINS or PINK RAMBLER—A seeding of the famous Crimson Rambler. Blooms in clusters of from 8 to 25 flowers each, of a delicate rosy pink shade, suffused salmon and yellow at the base. **Price: Each, 25c; per Doz., $2.50.**

FRAU KARL DRUSCHKI—Splendid buds and immense flowers, perfectly double and delightfully fragrant, large, thick petals, very durable and handsome. Bright shining green leaves, elegantly veined; healthy vigorous grower, entirely hardy and a constant and abundant bloomer. The most beautiful and largest snow-white Rose now before the public. **Price: Each, 30c; Doz., $3.00.**

FLOWER OF FAIRFIELD—A counterpart of Crimson Rambler in every respect, except that it is everblooming, every new growth being terminated with a large cluster of flowers. Strong two-year-old plants. **Price: Each, 30c; per Doz., $3.00.**

GLORY de LYON—A very vigorous in growth densely covered with beautiful, glossy foliage. This variety produces masses of flowers. The color is a deep, golden yellow with orange shadings in the center. It is a very promising sort, and fills the "long felt want" for a "Yellow" Rambler. **Price: Each, 30c; Doz., $3.00.**

Tree Roses

(Sent only by Express.)

The Tree Roses are grafted on hardy stems four to five feet high and thus form tree shapes. We offer the following varieties:

FRAU KARL DRUSCHKI—This is the ideal hardy white Rose, pure in color; perfect in form; strong grower and remarkably free flowering; superb in every way.

GRUSS AN TEPLITZ (H. P.)—This grand rose has proved **one of the best and most valuable Hardy Crimson Ever-Blooming Roses for garden planting.** The color when first opening is dark rich crimson passing to velvety fiery red.

MAGNA CHARTA—Bright pink suffused with carmine; a beautiful Rose and a strong, vigorous grower. **Price: Each, 75c; Per Doz., $8.00.**

Choice Hardy Shrubs

NOTE—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at purchaser's expense.

IN this class is included the most popular and better known of our hardy flowering and ornamental Shrubs. No class of plants presents to our landscape a greater array of blossoms or a more symmetrical arrangement of their flowers, and once established, may be left to take care of themselves, increasing in size and beauty from year to year.

Althea (Rose of Sharon)

These are very fine hardy, free growing, flowering shrubs of very easy cultivation and very desirable on account of their late summer blooming. Remain in bloom until flowers are cut down by frost. **Red, Pink, White.** About 3 feet high. **Price: Each, 25c; per Doz., $2.50.**

TREE ALTHEA—White, red. **Price: Each, 35c.**

Azalea Mollis

This is the best of the red flowering forms of Mollis, having exceptionally large flowers, and being of strong, vigorous habit. Strong plants, **$1.00 Each.**

Calycanthus

C. FLORIDUS—A well-known native bush, bearing very double; purple, fragrant flowers. **Price: Each, 35c.**

Deutzia

Beautiful showy Japanese shrubs of the highest ornamental merit, adapted to all good soils. Their clean foliage, upright, dense growth and free flowering nature render them especially valuable. White, 2 to 3 feet. **Price: Each, 25c.**

Hardy Shrubs

Shrubs on this page can only be sent by Express.

Hydrangea Paniculata Grandiflora

THIS is one of the most hardy shrubs in cultivation. It attains a height of 6 to 8 feet, and is perfectly hardy in all parts of the country. The flowers are white, borne in immense pyramidal pinnacles nearly a foot in length It commences flowering in July and continues until November. Flowers turn a lavender color toward end of season. 3 to 4 feet. **Price: Each, 25c; 10 for $2.25.**

TREE HYDRANGEA—Price: Each, 60c.

HYDRANGEA.

Magnolia

THESE sorts flower very early, even before the leaves appear; many varieties are fragrant and the display of color is grand. They are best transplanted in spring.

SOULANGEANA NIGRA—A Chinese species, which, while shrub-like in its young growth, attains the size of a tree in time; its flowers, which are produced early in Spring are cup-shaped, 3 to 5 inches in diameter, are dark red. Strong, heavy plants. **Price: Each, $2.00.**

ALBA SUPERBA—A very choice variety bearing snow white flowers in great abundance. Strong bushy plants. **Price: Each, $3.00.**

Philadelphus. Syringa or Mock Orange

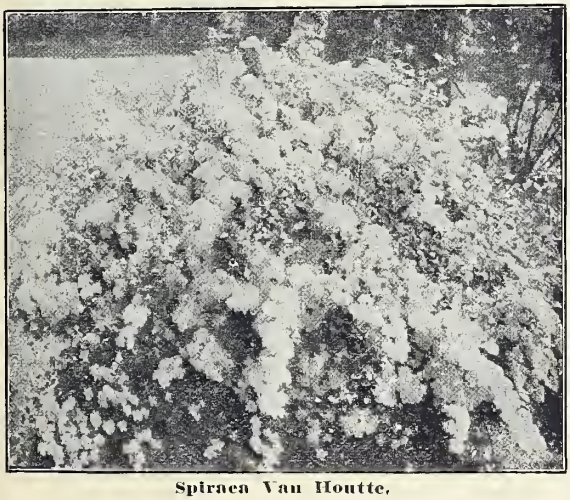
For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, pure white flowers, in dense clusters so numerous as to bear the branches down when flowering. **Price: Each, 25c.**

Lilac or Syringa

THE great improvement in the lilac in the last eight or ten years has been marvelous. No park or large ground is now complete without a good many of these delightful shrubs. The flowers so far surpass the old varieties.

LARGE PURPLE—Very free bloomer of large flowers; an excellent variety; 3 to 4 feet. **Price: Each, 25c.**

LARGE WHITE—Free bloomer. **Price: Each, 25c.**



Spiraea Van Houtte.

Rhododendrons

THIS grand genius, with their huge clusters of flowers in beautiful colorings, stand unequaled among hardy flowering Shrubs, and during the latter part of May or early June no flower is more gorgeous, while the bright evergreen foliage is attractive at all seasons. They require only a good garden soil, and a somewhat sheltered situation, the north angle of a building.

CATAWBIENSIS—Alba white. **Price: Each, $1.00.**

CHARLES DICKENS—Deep crimson. **Price: Each, $1.00.**

HENRIETTA. SARGENT — Pink dark center. **Price: Each, $1.00.**

H. W. SARGENT—Dark crimson. **Price: Each, $1.00.**

Spiraea

ANTHONY WATERER—A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. **Price: Each, 25c.**

VAN HOUTTE—The grandest of all the Spiraeas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. An early bloomer, 2 to 3 feet high. **Price: Each, 25c.**

Tamarix (Tamarisk)

STRONG, slender, tall-growing, irregular Shrubs, with featherly foliage and small, declicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. **Price: Each, 30c.**

Snowball

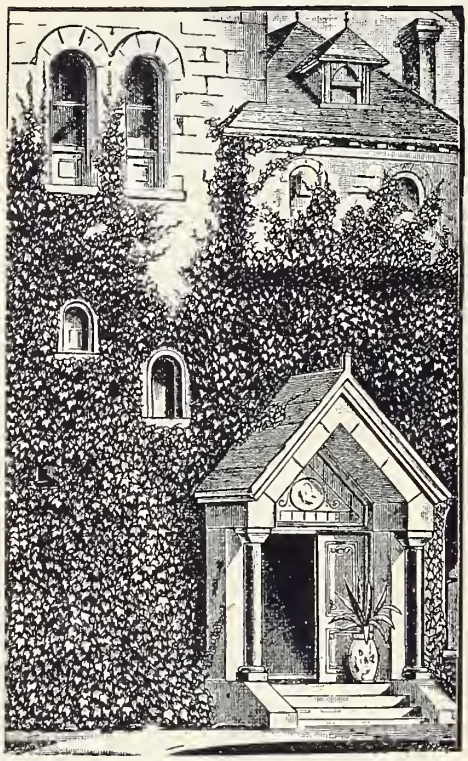
ONE of the most handsome bushes for the yard, known as Snowball Tree; of large size, with globular clusters of pure white flowers, blooming latter part of May; admired by home lovers everywhere; 3 to 4 feet. **Price: Each, 25c.**

Weigelia

CANDIDA—Of vigorous habit, flowers pure white and produced in great profusion in June, and continue to bloom at intervals through the Summer. **Price; Each, 35c.**

EVA RATHKE—A charming new Weigelia; flowers brilliant crimson; a beautiful, distinct, clear shade. **Price: Each, 35c.**

(Shrubs on this page can be sent by express only.)



California Privet

OF ALL the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade trees, where other plants would not exist. **Price:** 2 to 3 feet high, **10 for 50c; 20 for 90c; 50 for $2.00; 100 for $4.00.**

Hardy Ornamental Climbers

Ampelopsis Veitchii (Boston or Japan Ivy)

THE finest climber for training over brick walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with fresh, green heart-shaped leaves in Summer, which change in the Fall to the bright Autumn colors. It likes a rich soil. Strong plants. **Price: Each, 20c; Doz., $2.00.**

QUINQUEFOLIA (Virginia Creeper)—This well-known climber, clinging to any surface, covering the same rapidly. Dark green foliage changes to brilliant Autumn colors in the Fall. Strong plants. **Price: Each, 25c.**

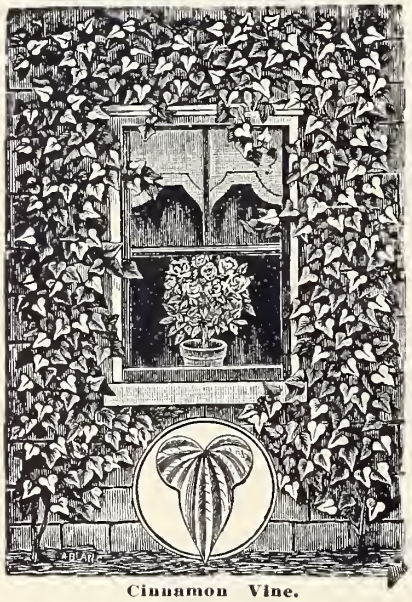
Clematis

PANICULATA—This grand climbing vine, one of the most valuable ever sent to us from Japan—the source of so many floral wonders—is well worthy of a place on pretentious dwellings or humble cottage. Blooms in the early Fall and is one mass of fleecy-white, fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow fifteen to twenty feet in a season, it is insect-proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere, and need only be seen to be admired. (See cut), **Price: strong 2 year plants, Each, 25c; per Doz., $2.50.**

Large Flowering Clematis

ONE of the most beautiful and showy climbers we have. The flowers are of enormous size, many growing 5 to 7 inches in diameter. Owing to their very hardy nature, they are easily a favorite, requiring very little care. For pillars, trellises and for running over rockwork it cannot be surpassed.

PURPLE CLEMATIS, JACKMANII—The best-known and most valued variety. Color dark, rich, royal purple. **Price: Each, 30c; Doz., $3.00.**



Cinnamon Vine.

LARGE WHITE CLEMATIS HENRYII—A pure white large-flowering variety, of fine form, and recognized as by far the finest of the single white sorts. **Price: Each, 30c; Doz., $3.00.**

DOUBLE WHITE CLEMATIS, DUCHESS OF EDINBURGH—This variety is perfectly double, like a rosette. It is sweetly fragrant, hardy and vigorous. **Price: Each, 30c; Doz., $3.00.**

La France—Dark purple, largest flower. **Price: Each, 30c; Doz., $3.00.**

Cinnamon Vine

THIS beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of cinnamon, and is very appropriately called the cinnamon vine. Perfectly hardy, the stem dying down every Autumn, but growing again so rapidly as to completely cover any trellis arbor very early in the season. With its beautiful heart-shaped leaves and clusters of delicate white flowers and delicious cinnamon odor, it is a most desirable climber. Strong roots. **Price: Doz., 20c.**

(Shrubs can be sent safely only by Express.)

Pan-Clematis.

Ornamental Climbers—Continued

(Shrubs on this Page sent by Express only.)

Aristolochia Sipho (Dutchman's Pipe Vine)

MAGNIFICENT, perfectly hardy vine of rapid growth, with very large heart-shaped leaves and brownish flowers resembling in shape a minature pipe (See illustration) Strong plants. **Price: Each, 25c; Doz., $2.50.**

Arlstolochie Spino.

Wisteria

A BEAUTIFUL hardy climber, will grow in one season about 20 feet high; flowers in clusters pale blue.

W. SINENSIS (Chinese)—Flowers in clusters; pale blue; sometimes gives a second crop of flowers in the Fall. Strong plants. **Price: Each, 35c.**

W. SINENSIS ALBA—Of similar habit to sinensis, with pure white flowers. Strong plants. **Price: Each, 35c.**

Madeira Vine.

Madeira Vine

A VERY free bloomer, with thick, glossy leaves. Suitable for trellis, rockwork, hanging baskets, etc. **Price: Bulbs, 25c per lb.**

Lonicera---Honeysuckle

LONICERA LEDEBOURI (Bush Honesuckle)—Very distinct, producing red flowers in May. **Price: Each, 25c.**

HALLEANA—Color white, changing to yellow; very fragrant; blooms from June to November. **Price: Each, 30c.**

MONTHLY FRAGRANT—A fine, rapid growing variety; flowers large and very fragrant; color, red and yellow; a constant bloomer. **Price: Each, 30c.**

SCARLET TRUMPET—A strong, rapid grower; blooms very freely the entire season; bright red, trumpet shaped flowers. **Price: Each, 30c.**

Bedding Plants

Plants sent by Express only.

AGERATUM—Dwarf, blue, **60c per Doz.**

ALTERNANTHERA — Red, green and striped. **50c per Doz.**

ASTERS (China)—In six distinct colors. Ready from May 10th to June 15th. **50c per Doz.**

CALADIUMS—See page 43 for bulbs.

CANNAS—See page 42-43 for bulbs and plants.

CHRYSANTHEMUMS — Assorted colors. **$1.50 per Doz.**

CARNATIONS—$1.00 per Doz.

CALLIOPSIS—$1.00 per Doz.

COLEUS (Golden Beauty) — Crimson, **75c per Doz.**

COSMOS (Mammoth) — White, pink, or crimson, **$1.00 per Doz.**

CENTUREA (GYMNACARPA) — **60c per Doz.**

DIANTHUS—$1.00 per Doz.

GERANIUMS — Large plants, **$1.50 per Doz.**

LANTANAS—$1.00 per Doz.

WEEPING LANTANA — $1.50 per Doz.

LOBELIA—Dwarf blue bedding; ready in May and June, **$1.00 per Doz.**

MOON VINES—White, **15c Each; Doz., $1.50.**

PANSIES—Assorted colors, **50c per Doz.**

PETUNIA — Double-Fringed, $1.50 per Doz. Single-Fringed, mixed color, **$1.00 per Doz.**

PERIWINKLE—White, Pink, **$1.00 per Doz.**

PHLOX—Annual, **60c per Doz.**

PINKS—Hardy garden. **$1.00 per Doz.**

SALVIA SPLENDERS (Scarlet Sage)—Large plants, **$1.50 per Doz.**

SWEET ALYSSUM — Dwarf white, **60c per Doz.**

SWEET WILLIAM—Mixed colors, **$1.50 per Doz.**

VERBENAS — Mammoth, **60c per Doz.**

VINCA VINES—$2.00 per Doz.

USE SHEEP MANURE ON YOUR FLOUR BEDS

Fruit Trees

Trees can be sent by Express Only.

Apples

Early Varieties

First Class Stock, 5 to 6 feet high.

EARLY HARVEST—Medium size, flat, pale yellow. . **Each, 50c; 10 for $4.00**
FAMUSE (Snow)—Deep red, fine quality. . . . . **Each, 50c; 10 for 4.00**
YELLOW TRANSPARENT—Skin white, tender. . . . . **Each, 50c; 10 for 4.00**

Summer Varieties

MAIDEN BLUSH—Large, flat, yellow and blush. . . . . **Each, 50c; 10 for $4.00**
WEALTHY—Striped, excellent flavor. . . . . **Each, 50c; 10 for 4.00**

Autumn Varieties

GRIMES GOLDEN—Yellow, very juicy. . . . . **Each, 50c; 10 for $4.00**
NORTHERN SPY—Striped, large, extra good. . . . . **Each, 50c; 10 for 4.00**
BEN DAVIS—Red, good keeper. . . . . **Each, 50c; 10 for 4.00**
GANO—Red, good bearer, large. . . . . **Each, 50c; 10 for 4.00**

Winter Varieties

JONATHAN—Rich red, nearly round. . . . . **Each, 50c; 10 for $4.00**
BALDWIN—Dull, light red and green, good. . . . . **Each, 50c; 10 for 4.00**
HUNTSMAN—Large, flat, yellow. . . . . **Each, 50c; 10 for 4.00**
GREENING—Good size, yellow. . . . . **Each, 50c; 10 for 4.00**
ROME BEAUTY—Bright red, medium size. . . . . **Each, 50c; 10 for 4.00**
WINE SAP—Red, large. . . . . **Each, 50c; 10 for 4.00**

Crab Apple

SIBERIAN—Red . . . . . **Each, 50c; 10 for 4.00**

Peaches

First Class Stock, 5 to 6 feet high.

Those marked (F) are Free Stone; (C) are Clings.

Early Varieties

SNEED—(C) White . . . . . **Each, 30c; 10 for $2.50**
MAYFLOWER—(C) Red . . . . . **Each, 30c; 10 for 2.50**
CARMAN—(C) Blush, Large. . . **Each, 30c; 10 for 2.50**

Summer Varieties

CHAMPION—(F) Red. . . . . **Each, 30c; 10 for $2.50**
CRAWFORD—(F) Yellow . . . . **Each, 30c; 10 for 2.50**
MAMIE ROSS—(C) Large, red. **Each, 30c; 10 for 2.50**

Autumn Varieties

ELBERTA—(F) Large, yellow **Each, 30c; 10 for $2.50**
CRAWFORD LATE—(F). . . . . **Each, 30c; 10 for 2.50**
WHITE HEATH—(C) Large white . . . . . **Each, 30c; 10 for 2.50**

Cherries

First Class Stock, 5 to 6 feet high.

Early Varieties

EARLY RICHMOND—Red, tart **Each, 50c; 10 for $4.00**
DYEHOUSE—Very early, red. . **Each, 50c: 10 for 4.00**

Late Varieties

GOVERNOR WOOD — Large, yellow, sweet . . . . . **Each, 50c; 10 for $4.00**
WRAGG—Dark purple . . . . . **Each, 50c; 10 for 4.00**
BALDWIN—Dark red tart. . . . . **Each, 50c; 10 for 4.00**

Apricots

First Class Stock, 5 to 6 feet high.

EARLY GOLDEN—Medium yellow . . . . . **Each, 40c; 10 for $3.50**
MOORPARK — Large, orange, red . . . . . **Each, 40c; 10 for 3.50**

Persimmons

A fine ornamental tree with a delicious fruit; hardy. 5 to 6 feet, 50c Each.

Pears

First Class Stock, 5 to 6 feet high.

SHELDON (Fall variety)—Yellow and Russett, sweet. . . . . **Each, 50c; 10 for $4.00**
HOWELL (Fall variety)—Large, sweet . . . . . **Each, 50c; 10 for 4.00**
DUCHESS (Fall variety)—Large, sweet . . . . . **Each, 50c; 10 for 4.00**
BARTLETT—Large, very rich **Each, 50c; 10 for 4.00**
KIEFFER—Winter, yellow red cheek . . . . . **Each, 50c; 10 for 4.00**
BARTLETT—Seckel, good size, colored . . . . . **Each, 50c; 10 for 4.00**

Plums

5 to 6 feet high.

Early Varieties

WILD GOOSE—Red . . . . . **Each, 50c; 10 for $4.00**
NEWMAN—Red, medium size. **Each, 50c; 10 for 4.00**
LOMBARD—Violet red, medium **Each, 50c; 10 for 4.00**

Late Varieties

GERMAN PRUNE—Purple, large . . . . . **Each, 50c; 10 for $4.00**
IMP. GAGE—Green, large. . . . . **Each, 50c; 10 for 4.00**
BURBANK—Large, red. . . . . **Each, 50c; 10 for 4.00**
DAMSON—Blue, medium size. . **Each, 50c; 10 for 4.00**

Quince

BOURGEOT—Long keeper . . . . **Each, 60c; 10 for $5.00**
MEECH—Orange yellow . . . . . **Each, 60c; 10 for 5.00**

Ornamental Shrubs
See Page 31

Ornamental Trees

Trees can be sent by Express only.

First Class Stock, 1½ in. to 2 in. Dia., 6 to 10 ft. High

BIRCH (Weeping) Cut leaf.....**Each, $1.25**
WEEPING MULBERRY—Droops to the ground .....**Each, 2.00**
ELM—Fine for shade, very hardy.....**Each, 2.50**
LINDEN—Pyramidal tree .....**Each, 2.00**
MAPLE—Very hardy .....**Each, 1.50**
POPLAR—(Lombardy) .....**Each, 1.25**
POPLAR—(Carolina) .....**Each, 1.50**
SYCAMORE—(Amer) .....**Each, 2.00**

Grapes

THERE is scarcely a yard so small, either in country or city, that room for one to a dozen or more grape vines cannot be found. They do admirably trained up to the side of any building, or along the garden fence.

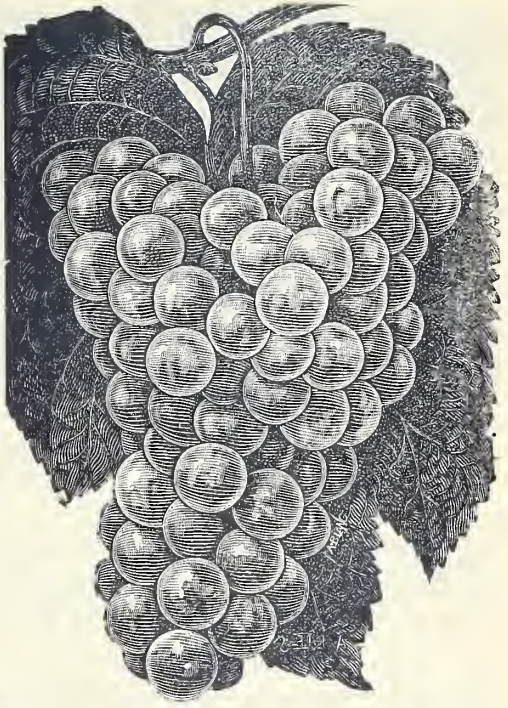
All Two Years Old **Extra Strong Roots**

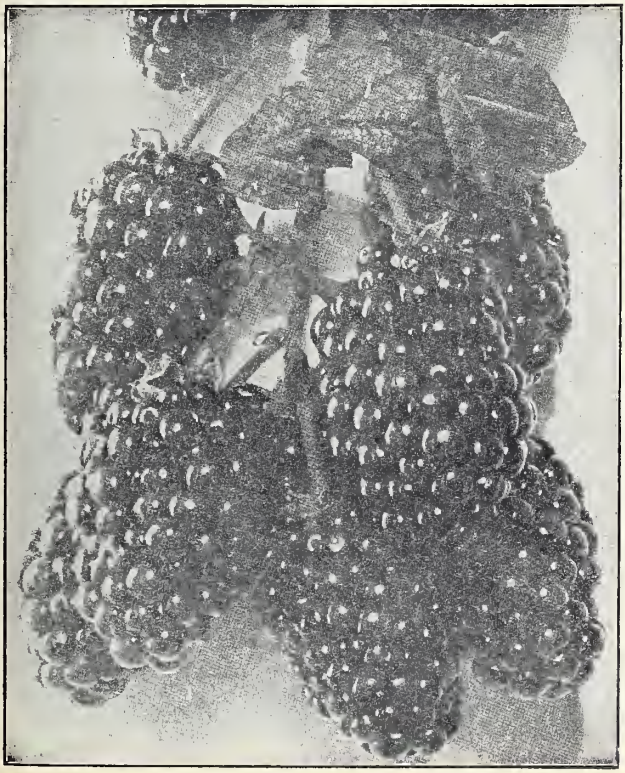
MOORE'S EARLY—Large black.**Each, 15c; 10 for $1.00**
WORDEN—Large black .....**Each, 15c; 10 for 1.00**
CONCORD—Med. early .....**Each, 15c; 10 for 1.00**
NIAGARA—Large white .....**Each, 15c; 10 for 1.00**
CATAWBA—Auber Color .....**Each, 15c; 10 for 1.00**

Currants

CURRENTS do well in partial shade, but require rich soil and good culture. The following are the very best sorts, and are supplied in strong two-year-old plants.

VICTORIA—Large, bright red. The best currant yet introduced; berries are large, uniform in size, with long stems, good flavor, and is very productive and easy to pick. **Each, 15c; 10 for $1.25.**





Blackberries

BLACKBERRIES respond generously to good treatment. They perfer a deep soil, inclining to sand, but will grow fruit almost anywhere.

Extra Strong Plants

EARLY HARVEST—Best early. **Each, 5c; 10 for 40c.**

ELDORADO—Extra fine, large and sweet, late. **Each, 5c; 10 for 40c.**

Raspberries

RASPBERRIES will succeed in any soil that can grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut out just as soon as the crop has been gathered.

KING—Large, dark red, strong, robust and productive. **Price: Each, 5c; Doz., 50c.**

CUMBERLAND—A black cap of exceptionally large size; of extra fine quality. **Price: Each, 5c; Doz., 50c.**

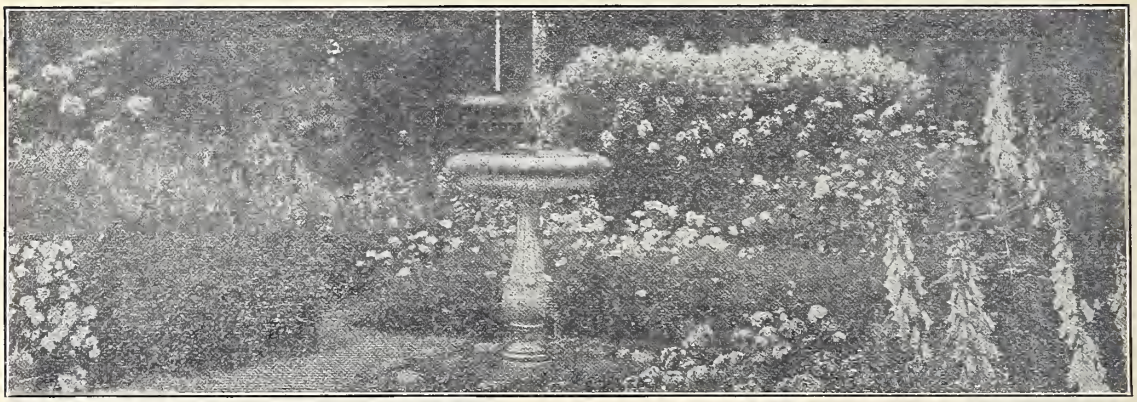
Gooseberries

GOOSEBERRIES demand rich soil and good culture. A heavy manure mulch around the bushes during the heat of Summer will largely prevent mildew. We offer strong two-year-old plants.

HOUGHTON—Early, good size. **Each, 15c; 10 for $1.25.**

DOWNING—Late, well known. **Each, 15c; 10 for $1.25.**

ASPARAGUS ROOTS—See page 27.
RHUBARB ROOTS—See page 27.
HORSERADISH ROOTS—See page 27.



Hardy Perennial Plants

Perennial plants in Doz. lots best sent by Express; single plant safely sent by Parcel Post. Average weight 6 oz. each.

OF all the plants that are cultivated for purely ornamental purposes there are none which have made such rapid strides in public favor as the **Old-fashioned Hardy Garden Flowers,** the inhabitants of the perennial garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy garden, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical.

Anthemis (Marguerite)

A VERY satisfactory summer flowering perennial, succeeding in poorest soil. Blooms entire summer, 15 inches.

TINCTORIA—Dense, bushy habit, large golden yellow flowers. **Price: Each, 15c; Doz., $1.50.**

Achillea (Millfoil or Yarrow)

MILLEFOLIUM ROSEUM—Flowers pink, in dense heads; produce all summer; height, 18 inches. **Price: Each, 15c; Doz., $1.50.**

THE PEARL—The flowers are borne in great profusion and are pure white; double; blooms all summer, 2 feet. **Price: Each, 15c; Doz., $1.50.**

Aquilegia (Columbine)

THESE are the most beautiful hardy plants, with graceful spurred flowers of charming colors.

COERULE HYBRIDA—Price: Each, 15c; Doz., $1.50.

Hardy Asters

THESE are among the showiest late flowering, hardy plants. Grow in any soil, they bloom in September and October.

NOVA ANGLIA—Large, bluish purple, with yellow center; September and October; 4 feet.

ROBERT PARKER—Large sprays of beautiful lavender blue flowers, with yellow center; 4 feet.

PTARMICOIDES MAJOR—Distinct, pure white, fine for cutting. August and September; 18 inches.

RYECROFT—Pink; soft, rosy pink; 4 feet.

LAEVIS—Lavender blue; 4 feet. **Price: Each, 15c; Doz., $1.50.**

Bellis Perennis (English Daisy)

A FAVORITE perennial, which will stand the winter if given the protection of a little litter. In bloom from early Spring until well on in the Summer. **Price: Each, 10c; Doz., 75c.**

Campanulas (Bell Flower)

PERSICIFOLIA GIGANTIC MOERHEIMI — This novelty is doubtless the best pure white Campanula hitherto introduced. The new form remains even more dwarf, not surpassing two feet in height, whereas its free flowering properties are truly wonderful, even the smallest spike being covered with large double flowers, suggesting Camelias. May to August. **Price: Each, 15c; Doz., $1.50.**

MEDIA (Canterbury Bells)—Well-known favorite; flowers are of varied colors; July; two to three feet. **Price: Each, 15c; Doz., $1.50.**

PYRAMIDALIS—The most conspicuous of all Campanulas. Forming a perfect pyramid four to six feet high; crowned with large saucer-like flowers. **Price: Each, 15c; Doz., $1.50.**

Dielytra, or Dicentra

SPECTABILIS (Bleeding Heart, or Seal Flower) —An old-fashioned favorite of graceful heart-shaped pink flowers; especially valuable for planting in the shade. **Price: Each, 15c; Doz., $1.50.**

Showing Improvements of Home Grounds.

Perennial Plants —Continued.

Coreopsis

Average weight of plants about 6 oz. each.

LANCEOLATA GRANDIFLORA—This handsome variety is now probably the most popular perennial plant in cultivation. It begins to flower early in June and continues in flower until cut down by severe freezing weather. It is continually one mass of golden-yellow. It is easily grown, is perfectly hardy and succeeds in almost any position, and after once planted takes care of itself. The flowers, which are of graceful form, are invaluable for cutting for decorative purposes; 18 inches high. **Price: Each, 15c; Doz., $1.50.**

Chrysanthemum (Hardy Pompon)

ONE of the most popular of all perennials. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been killed by frost.

EAGLE d'OR—Finest golden yellow.
JULIA LAGRAVERE—Very rich garnet.
POMPON BLUSH—Blush pink.
INDIAN—Reddish purple.
SNOW CLAD—A fine white.
Price: Each, 15c; Doz., $1.50.

Delphiniums (Hardy Larkspur)

THE hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden and should be planted extensively even in the smallest garden. Their long spikes of flowers are produced continuously from June until late in the Fall.

CHINENSIS—A very pretty variety, growing only 18 inches high, with large open panicles of handsome flowers, varying in color through all the light shades of blue. **Price: Each, 15c; Doz., $1.50.**

CHINENSIS ALBA—This beautiful white sort is unsurpassed and deserves a position in every garden; 2 feet. **Price: Each, 15c; Doz., $1.50.**

Chrysanthemum.

Dianthus.

FORMOSUM—Blooms from July to September. Large flower spikes, deep blue with white eye; three feet. **Price: Each, 15c; Doz., $1.50.**

Shasty Daisy (Moonpenny Daisy)

URBANK'S IMPROVED — A decided improvement on the old Shasta Daisy; very free flowering; 4½ to 5 inches across; pure glistening white. **Price: Each, 15c; Doz., $1.50.**

Digitalis (Fox Glove)

OLD fashioned perennial, throwing stalks four to six feet out of a mass of foliage, flowering profusely.

GLOXINIAEFLORA (Gloxinia flowered)—A strain of finely spotted varieties in white, purple, lilac and rose. **Price: Each, 15c; Doz., $1.50.**

Dianthus (Garden Pink)

BARBATUS—See Sweet William.
DELTOIDES (Maiden Pink)—Pretty variety of medium-sized pink flowers, suitable for border or rockery planting. **Price: Each, 15c; Doz., $1.50.**
COMET—Bright, rosy crimson; a fine, large flower. **Price: Each, 15c; Doz., $1.50.**
DELICATA—A soft, pure, pleasing, delicate rose. **Price: Each, 15c; Doz., $1.50.**
WHITE RESERVE—A nicely fringed pure white. **Price: Each, 15c; Doz., $1.50.**

Funkia (Plantain or Day Lily)

THE Plaintain Lilies are among the easiest plants to manage; their broad, massive foliage makes them attractive subjects for the border even when not in flower.

COERULEA—Blue, broad green leaves. **Price: Each, 15c; Doz., $1.50.**
SUBCORDATA—White fragrant flowers; pale green leaves. **Price: Each, 15c; Doz., $1.50.**

Ferns (Hardy)

THESE Plants thrive in most any partially shaded place. Require a loose, rich soil for successful growth.

ASSORTED VARIETIES—Each, 15c; Doz., $1.50.

Gillardia (Blanket Flower)

GRANDIFLORA—A showy and effective perennial. Flowers red, brown center, petals marked with rings of crimson and orange; two feet. Flowers from June to the end of season. **Price: Each, 15c; Doz., $1.50.**

Perrennial Plants—Continued.

Grasses (Hardy Ornamental)

ARUNDO MACROPHYLLO GLAUCA (Giant Reed)—A remarkably strong growing old variety, attaining a height of 15 feet, with foliage 3½ to 4 inches wide, the leaves are of a dark glossy green on the upper surface, and of a glaucous color underneath. **Price: Each, 25c.**

EULALIA JAPONICA VARIEGATA—A very ornamental variety; long, narrow leaves, striped green, white and often pink or yellow. Flower stalks from four to six feet. **Price: Each, 25c.**

ZEBRINA (Zebra Grass)—The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. Height 2 feet. **Price: Each, 25c.**

GYNERIUM ARGENTEUM (Pampas Grass)—One of the most effective. Its silvery plumes are produced on stems eight to ten feet high. Well-established plants can remain in the open ground if protected. **Price: Each, 25c.**

PHALARIS ARUNDINACEA VARIEGATA (Variegated Ribbon Grass, or Gardener's Garters)—Large, variegated foliage; an excellent grass for bordering large beds. **Price: Each, 15c.**

Hollyhocks

FEW hardy plants combine as many good qualities as the Hollyhocks; the flowers form perfect rosettes of the most lovely shades and colors. A well-drained, rich soil will repay in quantity and beautiful flowers. A slight protection during the winter will be beneficial.

SINGLE VARIETIES—Mixed colors. **Price: Each, 15c; Doz., $1.50.**

DOUBLE VARIETIES—Red, white, pink, yellow. **Price: Each, 20c; Doz., $2.00.**

Hollyhocks.

Helianthus (Sunflower)

MULTIFLORUS MAXIMUS—Produces immense single golden yellow flowers, 6 to 8 inches across; August to September; five to six feet. **Price: Each, 15c.**

FL-PL (Double Hardy Sunflower)—Large double Dahlia-like flowers. July to August; four to six feet. **Price: Each, 15c.**

MAXIMILLIANA—Produces long graceful sprays after all other varieties have ceased flowering. Valuable for cutting five to seven feet. **Price: Each, 15c.**

Hibiscus (Mallow)

MOSCHEUTOS—Crimson eye; immense white flowers; crimson center; 24 inches in circumference; blooms all summer; four feet. **Price: Each, 15c.**

Iris-Germanica---Fleur De Lis (German)

AS the Japanese varieties, they are perfectly hardy, profuse bloomers; many shades; Thriving best in a drier situation than the Japanese.

EIGHT DISTINCT VARIETIES—As listed below. **Price: Each, 15c; Doz., $1.50.**

I. Bougere—Lilac and velvety purple; distinct, 18 inches.

I. Hector—Light bronze, stained with purple. Fine.

I. Jacquesiano—Deep maroon velvet, tinged with bronze and crimson; a rare and remarkable color; two feet; June.

I. L'Avenir—Lavender, a beautiful shade.

I. Lemon—White, spotted with purple and deep purple stripes; fine; two feet.

I. Louis Van Houtte—Salmon, tinged and striped with purple; two feet; June.

I. Sappho—Clear blue and indigo; beautifully blended.

I. Silver King—Flowers silvery white, distinct and fine.

Perennial Plants—Continued.

Iris Kaempferil
JAPANESE IRIS

THESE magnificent Irises are among the most beautiful of our summer-flowering plants, and are destined to become more popular every season. They commence blooming about the middle of June and continue in bloom for five or six weeks. Many of these flowers measure from 10 to 12 inches in diameter, and rival the orchids in their rich colorings and markings. While the Iris succeeds in almost any soil, and under any conditions, they delight in a rich, deep, wet position, and should be abundantly supplied with manure and water. Grow about 30 to 36 inches high.

Doubled Flowering or Six-Petaled

No.

8 **Taiheiraku**—Ten petals, crimson-purple and yellow centre.
20 **Kuma-funjin**—Silvery-white, with a broad border of magenta-lilac veined with white.
26 **Uchiu**—Bright purple with crimson sheen.
44 **Yoshimo**—Very large flower; creamy-white, delicately veined with violet.
68 **Fuji-mine**—White, veined with deep purple.
72 **Uji-no-hotaru**—Bright violet-purple; shaded blue.
91 **Kan-ran**—White, densely veined with rich violet purple.
105 **Nacano**—Rich violet-purple; shaded with blue.
107 **Tokoyo**—Six large round petals, forming a beautiful open flat flower of purest white; the finest double white Iris grown.
108 **Shimosa**—White ground, minutely and densely spotted throughout with bright violet-purple.

Each.....**$0.20** **Doz.**.....**$2.00**

Lobelias

CARDINALS (Cardinal Flowers)—Rich, fiery scarlet flowers; 24-36-inch spikes, each plant producing 10 to 18 spikes; July to September. Thrives in a moist situation. **Price: Each, 15c; Doz., $1.50.**

Lily of the Valley.

Iris.

Lily of the Valley

A LOVELY little hardy perennial, widely planted everywhere for its delicate sprays of drooping white bells and their delightful fragrance. Is often starved and neglected and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated; and if the bed is given a liberal top-dressing of well-decayed manure, along in February or March, it will show the effect of increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. **Price: 25 for 50c; 100 for $2.00.**

Papaver Orientale (Oriental Poppy)

THESE are the regal representatives of this popular genus, far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position. They do their best in deep, rich loam; set the plants out very early spring; give them water occasionally during dry spells in the early part of the season. After flowering the plants die back, usually reappearing along in early September, or as soon as the weather gets cool. During this resting period care should be taken in cultivating the beds that the roots are not disturbed. Mixed colors. **Price: Each, 20c; Doz., $2.00.**

Primulus (Primrose)

Perfectly hardy; indispensable for borders and rockeries; 1 foot, White, purple, blue, lilac. **Price: Each, 15c; Doz., $1.50.**

PYRETHRUM.

Flowers similar to single asters. Very good for cutting; June; assorted colors. **Price: Each, 15c; Doz., $1.50.**

Perennial Plants—Continued.

(For Parcel Post Rate See Inside Front Cover.)

Weight of Paeonies, 1 Lb. Each.

Festiva Maxima.

Paeonies

PAEONIES today show a wonderful improvement over former years. There is something of true magnificence about this aristocrat of the flowers, and in large mass-plantings they produce an effect that you remember—great, gorgeous blossoms, daintily dyed with the most exquisite shades, from white to the deepest reds. They are deliciously fragrant and for effective decorations, especially on a large scale, are totally unsurpassed. Bloom several weeks in the Spring. Height, 2 to 3 feet.

Culture—They will grow anywhere, reasonably speaking—though they do best in rich, deep soil and a sunny position, but thrive well in partial shade. Plenty of water during the growing season is an added stimulus. They are perfectly hardy, requiring no protection and are not troubled with insects or disease.

Standard Herbaceous Varieties

ADOLPHE ROUSSEAU—Very large, dark velvety red with a distinct metallic reflex; very brilliant. Ideal habit with tall stiff stem. Extra. **Price: Each, 25c; 10 for $2.25.**

DUCHESSE DE NEMOURS (Calot)—Medium size, cup-shaped bloom, pure white, fragrant. Very vigorous, free bloomer. Early **Price: Each, 25c; 10 for $2.25.**

FESTIVA MAXIMA—One of the largest and most popular Paeonies of them all. Flowers built high on long stiff stems; pure white, inner petals slightly tipped carmine. Early. **Price: Each, 25c; 10 for $2.25.**

FELIX CROUSSE — Large, ball-shaped bloom; very brilliant red; one of the finest self-colored varieties. **Price: Each, 25c; 10 for $2.25.**

HUMEA CARNEA—Strong grower, cherry pink; the cut flower variety. **Price: Each, 25c; 10 for $2.25.**

GOLDEN HARVEST—Attractive and very striking variety, guard petals blush white, some of centre petals, striped and tipped with light crimson, the color effect being a creamy pink, vigorous habit and fragrant. **Price: 25c; 10 for $2.25.**

LOUIS VAN HOUTE — Large, loosely shaped flower; brilliant crimson. **Price: Each, 25c; 10 for $2.25.**

MARIE LEMOINE — Large, very compact, rose type, pure white with cream white center. Odor pleasant. Medium height. Late. **Price: Each, 35c; 3 for $1.00.**

MME. CALOT—Large, pale hydrangea-pink, with dark shadings in the center; early. **Price: Each, 25c.**

QUEEN VICTORIA—Large white, creamy center. **Price: Each, 25c; 10 for $2.25.**

WASHINGTON—Scarlet, with salmon shadings in centre; a fine large flower. **Price: Each, 25c.**

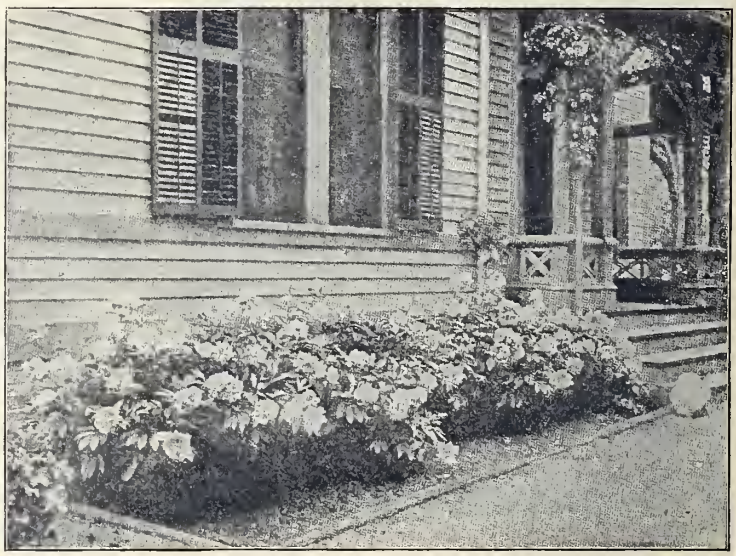
Officianallis Varieties

THIS is the old-fashioned Paeony; flowering ten days earlier than the above.

RUBRA—Red. **Price: Each, 25c; 10 for $2.00.**

ROSEA—Rose. **Price: Each, 25c; 10 for $2.00.**

ALBA—White. **Price: Each, 25c; 10 for $2.00.**



Perennial Plants—Continued.

(Plants by Parcel Post See Inside Front Cover.)
The average weight of plants on this page, each 6 oz.

Phlox (Hardy)

THE Perennial Phloxes are among the most useful and desirable of our hardy herbaceous plants, and should be planted largely. They succeed in any position and can be used to advantage either as single specimens in the mixed border, or as large clumps or beds in the garden or lawn. Range in height from 2½ to 3 feet. **Price: Each, 15c; Doz., $1.50.**

ETNA—Crimson-red suffused with fiery-red; cherry-red eye.

EDMOND ROSTRAND—Reddish-violet, large white star-shaped center.

BRILLIANT—Scarlet blood-red.

H. O. WIJERS—Pure white, with crimson, carmine eye.

F. G. VON LASBURG—Flowers very large, pure white.

JEANNE d'ARC—A fine late blooming white.

PECHEUR d'ISLANDI—Crimson-red, suffused with cochineal-red and carmine-red eye.

Sweet William

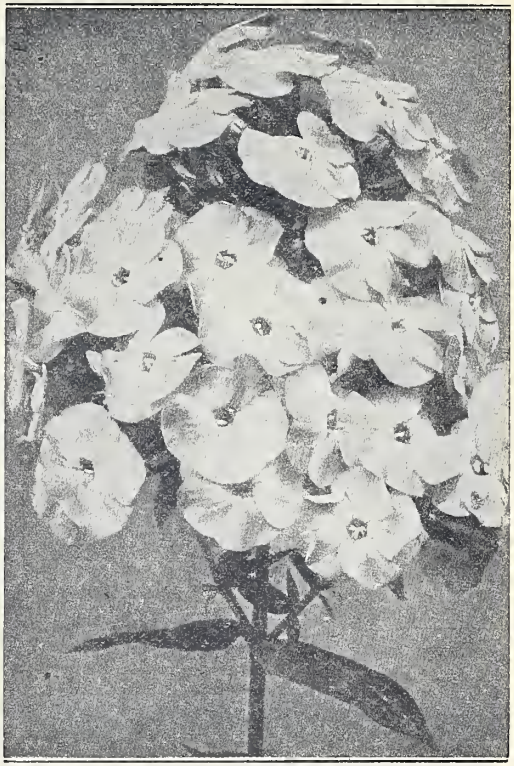
FOR many years the Sweet William has been esteemed an one of the finest of our hardy garden plants, being of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clumps. Our improved strains produce in greatest profusion very large florets in large heads and of a great variety of extremely rich colors. **Price: Each, 15c; Doz., $1.50.**

Stokesia

(Corn Flower or Stokes Aster)

CYANEA—Bears handsome lavender-blue flowers from July to October, measuring from four to five inches across. One of the most desirable border plants; 18 to 24 inches high. **Price: Each, 15c; Doz., $1.50.**

Sweet William.



Phlox.

Spiraea

FOR conservatory or window-garden decoration there is no better subject. Are frequently planted out, and flower during spring. They are extensively grown by florists as an Easter plant.

GLADSTONE—A beautiful variety, entirely distinct, the color being a pure white. A strong grower, free-flowering and forces almost as easy as the other sorts. When grown indoors it should be kept cool when flowers are developing. **Price: Each, 25c; Doz., $2.75.**

Rudebeckia

(Cone Flower)

GOLDEN GLOW—A very robust grower; five to six inches. Produces masses of rich golden yellow flowers. **Price: Each, 15c; Doz., $1.50.**

Tritoma (Red Hot Poker)

PFITZERII—Ever blooming Flame Flower. Flowers in spikes three to four feet high of a rich orange scarlet; August to November. **Price: Each, 15c.**

TRIUMPH—Rapid growing variety, flower heads 12 to 16 inches long on stems 4 to 5 feet high, distinct rich saffron yellow color; August to October. **Price: Each, 15c.**

Violets

THESE hardy varieties will give satisfaction, blooming profusely in the early Spring.

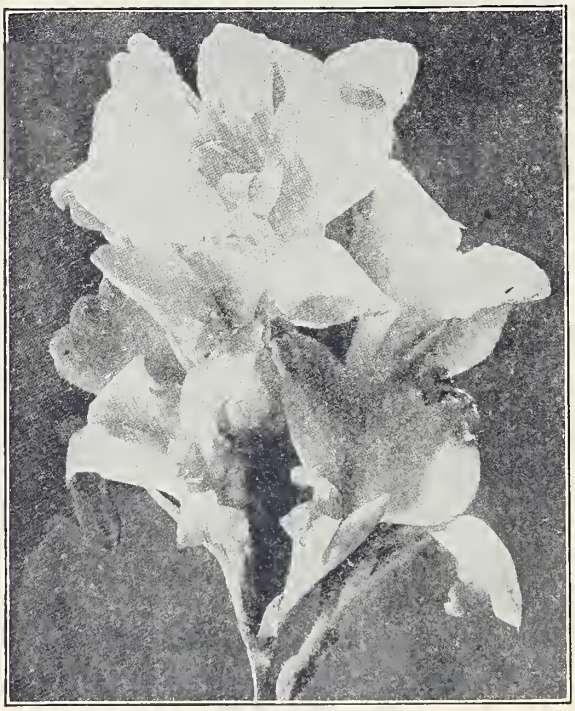
SWEET VIOLETS—Large double, deep purple, delightfully fragrant. **Price: Each, 15c; Dozen, $1.50.**

Yucca (Adam's Needle)

FILAMENTOSA—This plant can be classed at the head of the herbaceous perennials. **Price: Each, 25c.**

Summer Flowering Bulbs (Cannas)

(Cannas by Parcel Post add 5c per Dozen for Postage.)



Large Flowering Varieties

IMPROVED BLACK BEAUTY—A majestic, stately variety, with large massive foliage of the richest bronze-purple color shaded with black, the edges of leaves gracefully undulating. Where foliage effect alone is desired, nothing richer or more handsome can be found. Height, 6 feet. The variety here offered is a distinct improvement of the old "Black Beauty" in flower, being much larger. It also has a much better constitution.

DAVID HARUM—A gorgeous bronze-leaved variety; flowers of a orange-scarlet, often measuring 5 inches across, of remarkable substance and durability, and without question the best bronze-leaved Scarlet Canna in cultivation for massing. 4 feet.

CHARLES HENDERSON—Deep crimson, yellow flame at the throat. 4 feet.

ITALIA—Great crinkly petals of clear yellow, irregularly overlaid with varied shades of orange-scarlet. 5 feet.

FLORENCE VAUGHN—The original "Speckled Canna," with symmetrical flowers of orange-yellow, thickly peppered bright red. 4 feet.

MAD. CROZY—Vermilion with gold border. The sort which popularized the Canna. 3½ feet.

MRS. ALFRED F. CONRAD—A most remarkable variety, with exquisite salmon-pink flowers of largest size in erect and abundantly-furnished heads, so freely produced as to keep a superb showing of bloom for months; 4 feet.

Price: Dormant roots to April 1st, 10c Each; $1.00 per Doz.

Beautiful Lawns need Flowers to make them complete

Grand Orchid

Flowering Cannas.

VERY effective for bedding on the lawn and equally good when grown as pot plants in the house or conservatory. They commence blooming soon after being planted out and flower profusely until stopped by frost. They require a deep soil, enriched with well rotted manure and should be watered freely. Our list embraces the best of the novelties and old standard varieties, everyone of which we recommend to our customers. We give the approximate height attained by the different varieties so that they may be properly arranged in bedding.

ALEMANNIA—Rich orange-red with golden-yellow border, dotted with orange-red spots. Inner petals almost entirely red with yellow throat, dotted orange-red. Height, 6 feet.

BURBANK—Very rooty and vigorous; color lemon-yellow, thickly spotted in the throat with bright scarlet. 6 feet.

KING HUMBERT—In this grand Canna we have a combination of the highest type of flowers with the finest bronze foliage. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange-scarlet with bright red markings; foliage broad and massive, of a rich coppery bronze. 5 feet.

MARTHA WASHINGTON—A compact, dwarf bedding Canna with a magnificent show of wide flower heads; color deep, brilliant rose. 3 feet.

PENNSYLVANIA—The flowers are often 7 to 8 inches across, with petals 2½ inches broad. Produces double the number of flowers of any Giant-flowering Canna, previously introduced. Height, 6 feet. Splendid habit and foliage.

LOUISIANA—A new giant, vivid scarlet-crimson Canna. The flowers are more than 6 inches across. It grows 6 feet high.

Price: Dormant roots, up to April 1st, 10c Each; $1.00 per Doz.

Martha Washington.

Summer Flowering

Canna Plant can be sent by Express only.

In almost every private garden, in all public parks and in most of the large cemeteries, Cannas are used with the greatest effect to adorn the surroundings. It is difficult to convey in language an idea of the beauty of the Canna plant and flower. Canna should not be put into the ground until the soil has become warm. They commence blooming in June and continue until late in September.

Potted Plants Only of the Following Varieties Ready About April 15th

Each, 15c; Dozen, $1.50

CHARLES HENDERSON—Deep crimson, yellow flame at the throat.

FLORENCE VAUGHAN—Deep yellow, mottled rich crimson. 4 feet.

KING HUMBERT—Giant flowered, orange scarlet.

MADAME CROZY—A brilliant vermilion-scarlet, bordered yellow. 3 feet.

LOUISIANA—Very large beautiful vivid scarlet Orchid-like flowers, often measuring five to six inches across. Foliage a glossy green. 6 feet.

Banana Plant

The grandest of all Bananas; the leaves are magnificent, long, broad and massive; of beautiful green, with a broad, crimson midrib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly and attains gigantic proportions, producing a tropical effect on the lawn or flower garden. Strong plants. **$1.00 to $1.50 Each.**

Caladium Esculentum

(Elephant's Ear.)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 5 to 7 feet high, and bears immense light green leaves, 3 to 4 feet long by 2½ feet wide.

	Each	Per Doz.	Weight Each
Mammoth bulbs	**40c**	**$4.00**	**2lb**
**Large " **	**25c**	**2.50**	**1 "**
**First size . " **	**15c**	**1.50**	**½ "**
**Second size " **	**5c**	**.50**	**¼ "**

Amaryllis

THE Amaryllis is pre-eminently a window garden plant for the amateur, producing under the simplest conditions one, two or even three spikes two feet or more high, which are crowned with from three to six large and gorgeous trumpet-shaped blooms, which last long in good condition.

FORMOSISSIMA (Jacobaean Lily)—Crimson, blooming early in Summer. **Price: Each, 10c.**

JOHNSONII—Large flower, rich crimson scarlet; striped white. **Price: Large bulbs, 25c Each.**

BELLADONNO MAJOR—Fine variety for Fall blooming, very free flowering and fragrant. Flowers which are a lovely shell pink color. **Price: Each, 25c.**

Caladium.

America

A splendid new Gladiolus. The color is a soft pink very much like the Enchantress Carnation except slightly tinged with lavender, effecting a perfect color harmony. A splendid bedding sort and an excellent cut flower. In 1907 the America was awarded the Certificate of Merit, by the Horticultural Society of Washington, Boston and New York. It is undoubtedly the most desirable variety in the market. Extra large bulbs. **Price: Doz., 25c; 100, $2.25.**

Augusta

A magnificent white variety, very popular with florists for cut flowers. **Price: Doz., 30c; 100, $3.00.**

Brenchleyensis

Vermilion-scarlet; an old variety, but much wanted on account of brilliant color. **Price: Doz., 20c; 100, $1.75.**

Blue Jay

BARON HULOT—Rich, royal violet-blue. This, when cut in combination with Sulphur King, is truly exquisite. **Price: Doz., 30c; 100, $3.00.**

Gandavensis Mixed

A beautiful crimson and yellow type; produces an elegant flower, fine for marking with other separate colors along the fence or house. **Price: Doz., 20c; 100, $1.25.**

Groff's Hybrid Seedlings

The original introductions of Mr. Groff were awarded certificate of merit by The Society of American Florists, New York, 1900, where they defeated the whole Childsi section exhibited in competition by the introducer. A fine collection for your garden or lawn. **Price: Doz., 25c; 100, $2.00.**

Summer Flowering Bulbs—Continued.

Weight of Dozen Gladiolus, 1 Lb.

Gladiolus

A SEARCH, be it ever so painstaking and complete, of the floral kingdom, will discover no flower of such easy culture, embracing the great range of color with endless combinations and variety, to equal the Gladiolus. It is rightfully called the people's flower. Even the orchid fails to equal it. Our bulbs are of the finest quality and will give bountiful satisfaction the first season. The bloom is continuous from end of July until frost. Plant the bulbs at intervals from April to June, retaining the strongest bulbs for the later plantings. The soil should be thoroughly manured and prepared and if the soil is stiff, fill the drill with sandy loam. Any fairly good garden soil will grow Gladiolus. Plant in full exposure to the sun. Set the bulbs 2 to 4 inches deep according to the size, and 4 to 6 inches apart in each direction. We recommend mass planting in square, oblong or round beds. They are also very effective when planted in clusters among Shrubs, Roses and Paeonies.

In cutting Gladioli for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way, a spike will last a week or ten days.

Mrs. Frances King

In many ways the best in the list. A rank, thrifty grower; very large flowers, often 5 inches across and a beautifully shaped long spike. Often almost 2 feet of flowers in bloom at once. Light scarlet, with deep markings. **Price: Doz., 30c; 100, $3.00.**

May

This Gladiolus being so very cheap, and so very handsome and valuable as a cut flower, should be most extensively planted by florists and others who grow for market. It makes a beautiful spike, compact and perfect, while the individual blossoms are of great substance and will stand shipping without bruising better than any other variety. Its color is one of the most attractive as well as one that is in great demand, being almost pure white, with markings of bright rosy crimson. **Price: Doz., 30c; 100, $3.00.**

Mixed Giant Childsii Gladiolus

Composed of choicest named varieties, including the finest, showy, large flowering seedlings, and latest introductions. All are strong, healthy, upright growth and flowers are of immense size. We prepare this mixture for those who desire a complete range of color and in large quantities at a reasonable price. It will be found of exceptional value, quality and diversity of color. We offer large blooming bulbs only. Nothing better has ever been offered for the price. **Doz., 20c; 100, $1.75.**

Princeps

GIANT FLOWERED GLADIOLUS—This magnificent new hybird is an unusually healthy robust variety, producing spikes often 3 feet long, carrying from 18 to 22 broad, round-petaled immense flowers, about 6 inches across, of perfect and open form and waxy substance. The ocloring is glowing scarlet-crimson, enlivened below the throat by a large-feathered white blotch sprinkled with scarlet. The spikes continue to lengthen and produce bloom for several weeks; often four of these glorious flowers are expanded at one time, and, on account of the bigor of the plant, the tip bus develop almost as large and perfect flowers as those at the base, and frequently side growth and spikes are produced, thus lengthening the flowering period. **Price: Doz., 40c; 100, $4.00.**

Summer Flowering Bulbs—Continued.

(Weight: Doz. Hardy Lilies, 2 Lbs.)

Hardy Japan Lilies

LILIES have always been regarded as among the most beautiful of garden plants. Of queenly beauty, faultless purity and stately form, too much cannot be said in their praise and we are glad to notice their increasing popularity from year to year. Nearly every variety will, with a little care, endure the severity of our winters and many are among the most hardy of our garden flowers.

Tuberoses.

Lilium Auratum.

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enriching it abundantly with well rotted cow manure, adding a liberal mixture of sand. Set the bulbs from three to five inches deep according to size. During the winter it is advisable to cover the surface of the bed with a thin layer of manure which will afford a slight protection to the bulbs and also materially enrich the soil. In spring the manure may be removed or dug in between the rows. Care should be taken that they have proper drainage, no water being allowed to stand around the roots. Once firmly established, they should not be disturbed oftener than once in five years.

AURATUM—The glorious, gold-banded lily of Japan and one of the most superb plants in cultivation. Its immense ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into the white. Such choice bulbs as we offer, if well cared for, will give five to ten magnificent flowers the first year and under good cultivation will, after becoming well established give from ten to fifty. **Price: Each, 15c; Doz., $1.50.**

SPECIOSUM ALBUM—Pure white flowers with a greenish band through the center of each petal; of great substance, very fragrant. One of the best for general culture. **Price, 15c; Doz., $1.50.**

SPECIOSUM RUBRUM—No words can overstate the brilliant beauty of these famous Japanese Lilies. The six broad, white or pink petals are thickly dotted with rose or crimson spots and the graceful form and brilliant color make them very effective and desirable. Especially thrifty and hardy. One of the best for garden culture. **Price: Each, 15c; Doz., $1.50.**

MELPOMENE—Words cannot describe the beauty of this variety. Frosted white spotted, clouded and bordered with pinkish crimson. Petals deeply recurved and widely bordered. **Price: Each, 15c; Doz., $1.50.**

TRIGRINUM FLORE PLENO (Double Tiger Lily)—This magnificent lily is of stately habit, bearing great clusters of very large, double flowers on tall, strong stems; color, bright orange-red spotted with black. Height out doors in the open usually three to six feet. **Price: 15c; Ooz., $1.50.**

Tuberose

(Weight; Doz. Tuberoses, 1 Lb.)

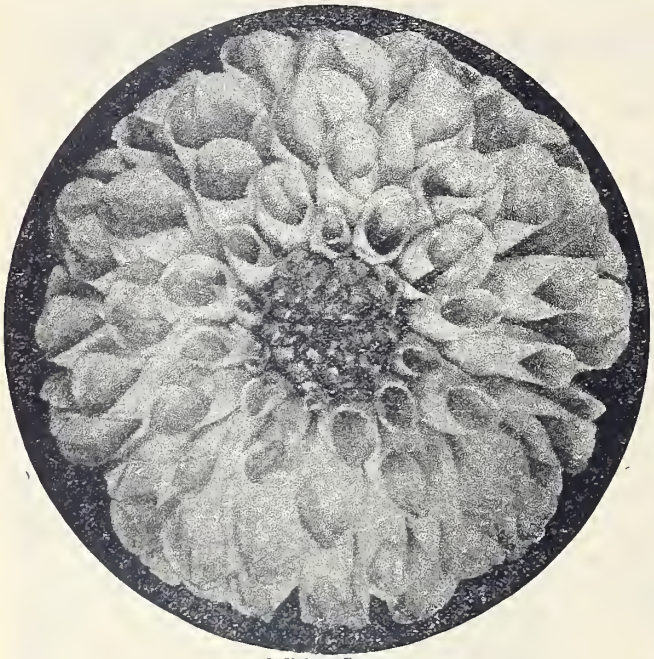
THE flowers of this popular plant are waxy-white, one of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the green house or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

EXCELSIOR DOUBLE PEARL—Extra large bulbs. **Price: 3 for 10c; Doz., 25c; 100, $2.00.**

MEDIUM SIZE—Price: Doz., 15c; 100, $1.00.

VARIEGATED-LEAVED—A single white Tubrose. The flower spikes are very large and evenly filled; it commences to flower in July and August. Showy and effective, even when not in bloom, the foliage being distinctly striped white and green. **Price: Doz., 25c; 100, $2.00.**

ARMSTRONG'S EVERBLOOMING—This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasine." It makes a splendid cut flower and should be in everyone's garden. **Price: Doz., 25c; 100, $2.00.**



White Swan.

Select Dahlias

A Few Cultural Notes

ONE of the most important points in the cultivation of the Dahlia is to select a well-drained position where they will receive the full benefit of the sun during the greater part of the day.

As to soil, they are not at all particular, excepting that in the case of a stiff clay some loose material should be added, such as coarse sand, old mortar, or anything which will make the soil loose and friable. The soil must be deeply dug, if possible to a depth of two spades, and a liberal amount of suitable plant food incorporated. For this nothing is more satisfactory than pure bonemeal, and sheep manure.

Show and Fancy Dahlias

THE name Show applies to varieties producing large, well formed flowers, having only solid colors, but may frequently have shaded tips. Fancy embraces all the variegated varieties.

A. D. LIVONI—A splendid clear pink, beautifully quilled, of perfect form, and very free-flowering.

RED HUSSAR—Tall, bushy, upright; with wrinkled highly ornamental foliage. Flowers, full, recurved to ball shape—fiery cardinal, with bronze edge at bottom.

PRINCESS VICTORIA—A sterling novelty, being the earliest and freest-flowering primrose-yellow, never produces an imperfect flower, and is in bloom early and late; long, stiff stems; fine for cutting.

STORM KING—Still the finest of all white Show Dahlias. An extremely early, profuse and constant bloomer a strong vigorous grower of branching habit, producing large, perfectly shaped flowers on long stiff stems. One of the finest for cut flowers.

WHITE SWAN—In color a pure glistening white, and resembling in form the popular Grand Duke Alexis, while in freedom of flowering it is not surpassed by any. It has succeeded in all parts of the country, has been much admired at the exhibitions where shown, and has also met with much favor as a cut flower.

STARTLER—The finest dark colored variety yet introduced. Large, perfectly formed flower. The color is very rich shade of velvety crimson-maroon tipped white; a new color in show Dahlias. The plant is of strong growth, spreading habit and is very free flowering.

Price: Each, 15c; Doz., $1.50.

Dahlias by Parcel Post
See Inside Front Cover
Weight of Clumps about ½ lb.

Small Flowered Double or Pompone Dahlia

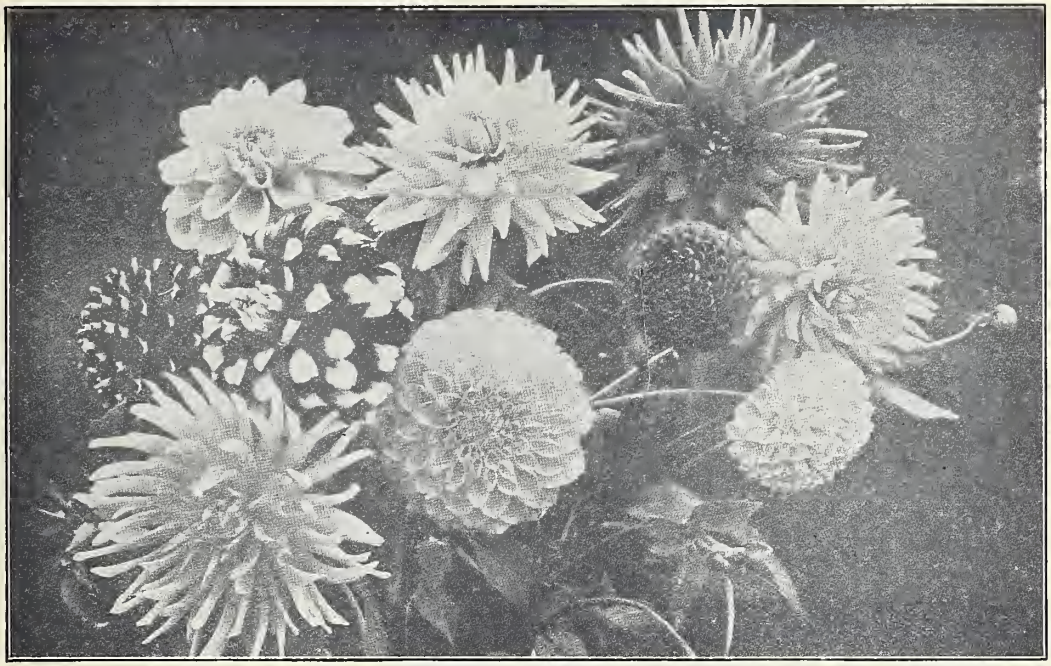
OF medium to small size, but firm, compact, and long lasting; invariably with long smooth stems, and blooming with the greatest profusion. Especially good for small bouquets, or dwarf beds.

SNOWCLAD—Rather large, flattish flowers; white, with primrose bracts and pink tinge to upper petals.

LITTLE HERMAN—Deep carmine, shaded garnet, tipped white.

CRIMSON BEAUTY—A fine and most effective brilliant scarlet variety, raised well above the foliage on strong, stiff stems; splendid for cutting and for garden decoration.

Price for the above: Each, 15c; Doc., $1.50.



Dahlias —Continued.

Decorative Dahlias

CATHERINE DUER—Cherry scarlet overlaid with crimson, darker at center; its iridescence is unique and very striking, winning much favor as a cut flower variety. Especially good under artificial light.

DELICE—A valuable addition to the cut flower varieties; remains fresh long after cutting, long stems, perfect form. The color is a beautiful, soft glowing rose-pink, shading slightly lighter to the center.

GRAND DUKE ALEXIS—A magnificent flower of largest size and distinctly unique form, as the petals are rolled up so that the edges overlap each other. The color is pure white, distinctly tinged delicate pink.

HENRY PATRICK—A splendid pure white, very large and gracefully perfect. A strong, robust grower and always dependable.

YELLOW DUKE—A splendid primrose-yellow, of good form, and always in flower; fine for cutting.

JACK ROSE—A magnificent sort, very free flowering and showy in the field, with long stems, and perfect form for cutting. Color, rich crimson-red, with maroon shadings at center. Named for its counterpart among roses, the famous "Gen. Jacq."

LYNDHURST—One of the best bright scarlets invaluable for cutting; large, perfectly full centers with long stems.

MRS. WINTERS—A fine snow-white. A grand cut flower.

SYLVIA—Best described as a giant Nymphaea. Flowers 4 to 6 inches in diameter; of fine form and full to the center, which is white, shaded to soft pink on the outer petals. Valuable cut-flower for long-distance shipments.

WM. AGNEW—The grandest red Cactus Dahlia, large and fine. Invaluable for its magnificent flowers.

Price for the above: Each 15c; Doz., $1.50.

Cactus Dahlias

THIS is a selection of varieties made with a view of supplying the amateur with an assortment of Cactus sorts, which in our own experience we have found to be the freest-flowering sorts.

KRIEMHILDE—The color is an exquisite shade of delicate shell-pink. The broad petals are white, forming a beautiful rosette of that color above the pink. It is a profuse bloomer of strong, upright habit.

LIBERTY—Brilliant cherry-red, margined rich velvety maroon. A strong vigorous grower, producing its immense semi-double flowers, 6 to 7 inches across, on 2 ft. stems, in greatest profusion.

MONT BLANC—A beautiful glistening white of extra good form, fine for cutting, a new variety that will be sure to please those that try it.

STANDARD BEARER—Bright, pure scarlet. Flowers large, thick and full to center, of symmetrical and perfectly round form, petals semi-quilled. Extraordinarily productive and one of the best red cut flowers.

Price for the above: Each, 15c; Doz., $1.50.

Century Dahlias

THESE magnificent varieties are all of free-branching habit, flowering early, profusely and continuously throughout the season; flowers 4½ to 6 inches across on stems 3 feet long, and when cut, keep in good condition for many days.

CARDINAL "CENTURY"—The brightest dazzling scarlet, without shade or blemish. The flowers are of fine, round form and finish. A profuse bloomer.

ROSE PINK "CENTURY"—Clear rose pink. Flowers are of immense size and perfect form; early and profuse.

GLADY CENTURY—Rich pink, one of the earliest to flower. A beautiful variety, splendid for cutting and one of the best garden sorts in its color. A splendid flower for the exhibition table.

Price for the above: Each 20c; Doz., $2.00.

FLOWER SEED NOVELTIES

Giant Flowering Antirrhinum.

Giant Flowering Antirrhinum

(Snapdragon)

THE introducer of this Antirrhinum claims it is a decided advance in the size of the individual flower of any Antirrhinum yet produced. It is of robust habit, the flowers being almost twice the size of any existing variety; the color is a deep, glowing purple, and they are borne in splendid spikes.

This improved "Snapdragon" forms brilliant garden beds, flowering profusely and continuously the first season from seed. Unusually effective bedding displays are made from these noble plants; they grow about 2 feet high, are healthy and stocky, and completely enveloped with large flowers of splendid texture and substance, rendering them very durable under all conditions of weather; their continuous-blooming qualities, ease of culture and independence of heat and drought, and pure color, should entitle them to a permanent place in gardens. Although perennials, they do splendidly when grown as annuals; spring-sown seed produces flowering plants by July, which continue to bloom in increasing profusion until frost. The flowers are nearly double the size of the older sorts.

GIANT PURPLE KING—Reddish Purple. **Price: Pkt., 15c.**

GIANT VENUS—Delicate rosy pink and blush. Very fine Cut Flowers. **Price: Pkt., 15c.**

Sweet Alyssum

LILAC QUEEN—A distinct, new annual variety with pure lilac colored flowers. The plants are of dwarf compact growth and are equally as useful for carpet bedding and edgings as the dwarf white varieties. **Price: Pkt., 15c.**

Begonia

Everblooming Bedding Variety

ERFORDIA—This variety of Begonia takes a rank as a bedding plant with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which from May until frost, are completely hidden with flowers. As pot plant for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. **Price: Pkt., 15c.**

Flower Seed Novelties—Continued.

St. L. S. Co.'s Novelty Mixture Aster.

Cosmos

Lady Lenox

THE long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfectly symmetry, having splendid substance and lasting qualities. Unsurpassed both for garden decoration and as cut flowers. Very effective for autumn flowering in broad masses or backgrounds. A hardy and rapid growing annual, forming bush-like plants with feathery green foliage five to six feet high, covered with large flowers somewhat resembling the single dahlia. They are gracefully poised on long stems and are very useful for decorative purposes. Sow outdoors early in spring in rather light soil, not too rich, and preferably in a sunny situation. Cover the seed with one-fourth to one-half inch of fine soil firmly pressed down. If planted in rows, make the rows about two feet apart and when the young plants are well up thin from four to six inches apart in the row. **Price: Pkt., 10c.**

Columbine (Aquilegia)

St. L. S. Co.'s Long-Spurred Hybrids

THIS beautiful strain of Columbines comprises new and pleasing shades and combinations, ranging through all the shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. The plants are perfectly hardy, vigorous and stately growth, produce abundantly large and elegantly shaped flowers with long spurs. A very desirable, easily grown, old fashioned perennial for borders, forming large, permanent clumps. Blooms profusely early in the season and remains in bloom for a considerable period. The peculiar pendant flowers are exquisitely formed, in various color, with long spurs. No bed of perennials should be considered complete without Columbines. Sow the seed which is of rather slow germination, in open ground early in spring in any rich, well drained garden soil. In permanent bed plants should have at least one foot each way. Keep clear of weeds and give each year a dressing of well rotted manure. Seed may also be sown outdoors in fall. **Price: Pkt., 10c.**

St. L. S. Co.'s Novelty Mixed Asters

THIS superb mixture is composed of all new novelties of recent introduction, now one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, averages over 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums. **Price: Pkt., 15c.**

Lady Lenox Cosmos.

Flower Seed Novelties—Continued.

St. L. S. Co. Hardy Gaillardia.

St. L. S. Co.'s Hardy Hybrid Gaillardia

GRANDIFLORA COMPACTA, MIXED—The flowers are extraordinarily large, often 4 to 5 inches across, and very highly colored in great diversity of variations and blendings, including such combinations as scarlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border, pure yellow, fiery-crimson and many others. These magnificent Gaillardias are hardy perennials, compact in growth and produce a constant succession of flowers summer and fall; grown in large groups they are gorgeously effective. As cut flowers they are almost unrivaled; the brilliant flowers, on long stems, "vase" handsomely, and last in water for days. **Price: Pkt., 10c.**

GAILLARDIA—(gr. fl. Oculata)—New light shades with red center. Very fine variety. **Price: Pkt., 10c.**

Salvia

(Flowering Sage)

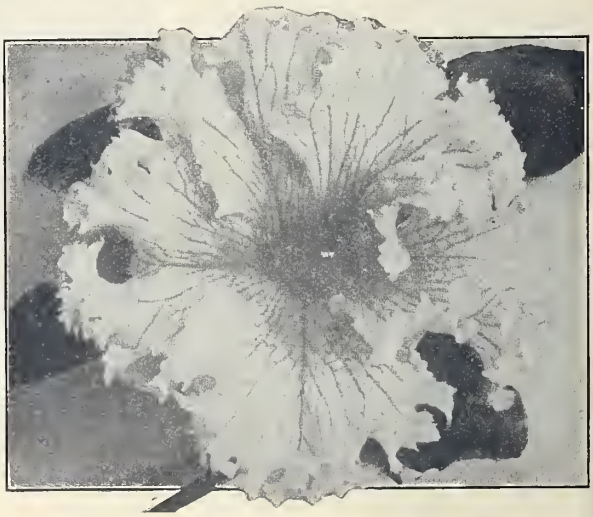
ZURICH—A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering 10 days in advance of any other sort and among the most brilliantly colored of garden flowers and extremely useful for bedding; also valuable for pot culture and cutting. Blooms are borne in long spikes well above the foliage and are of fiery red, continuing in flower a long time. The densely filled flower spikes are often eight to ten inches long and include thirty or more tube-like florets, one to two inches in length. Seed can be sown outdoors after danger from frost is past. Tender perennial, but blooms the first season. **Price: Pkt., 15c.**

Petunias

NEW DWARF FRINGED LARGE-FLOWERING—This new dwarf race of Petunia is one of the most important novelties in flower seeds that we offer this season. The plants, though branching freely from the base, rarely exceed 8 inches in height and form dwarf compact little bushes which carry, well above the foliage, numerous large fringed-edge flowers of all the beautiful Petunia colors, including those blotched, throated and veined in varied combinations. For flower beds or growing in pots these new compact-growing, large-flowering Petunias are unsurpassed and fill a long-felt want. **Mixed. Price: Pkt., 25c.**

PETUNIA INFLATA—A small, but very profuse flowering, well shaped trailing Petunia, producing branches of 2½ to 3 feet in length, thickly set with fragrant flowers, 1 inch across, of a lovely purplish carmine colour with reddish violet throat. **Price: Pkt., 15c.**

PETUNIA VIOLET BLUE—A Beautiful Deep Violet Blue fringed Petunia, a very fine variety for Bedding with a white border of Sweet Alyssum, same will make a very attractive appearance It is easy to grow from seed and a constant Bloomer during the summer months. **Price: Pkt., 15c.**



Flower Seed Novelties—Continued.

Morning Glories

ST. L. S. CO.'S NEW JAPANESE GIANT—This exquisite new Morning Glory is without doubt the finest specie ever offered. So rich and beautiful are its gorgeous markings of handsome blotched petals that it cannot be compared with the ordinary Japanese Morning Glory. The flowers of this variety are of largest size, often three inches or more across; some are brilliant red or rich blue, others are equally brilliant, with broad margins of clear white; some are striped or dotted with blue or red on white or lemon yellow ground, others are clouded with blue and red. The foliage in some plants comes dark green. **Price: Pkt., 15c.**

Cypress Vine

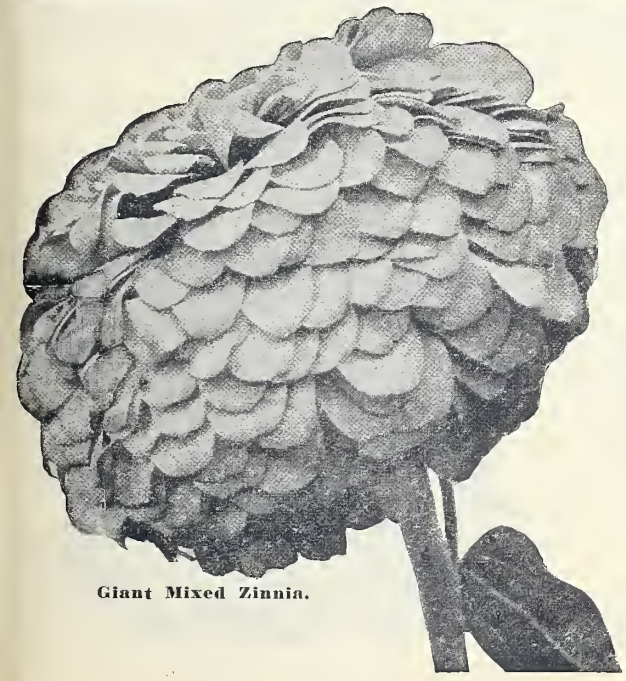
This is a beautiful Rose Pink rapidly growing annual climber and will make plants 20 feet high and be completely covered for 3 months or more with beautiful star-shaped tubular flowers borne in clusters that contrast effectively against the feathery Fern-like, bright green foliage.

When planted by the side of a veranda, tree or stake, and trained properly, nothing is prettier. **Price: Pkt., 10c.**

SEEDS BY PARCEL POST

We deliver free in the U. S. all Vegetable or Flower Seeds by the Packet, ounce or quarter pound.

Morning Glory.



Giant Mixed Zinnia.

NEW ANNUAL

Sweet William

(Dianthus barbatus annuus.)

THE old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed and continues in flower for several weeks. The plants are of the same habit as the perennial kinds, producing fine heads of bloom of various colors—white, crimson, rose-pink, etc., many of which are broadly edged with white and sweetly fragrant. **Mixed. Price: Pkt., 10c.**

Giant Double Zinnias

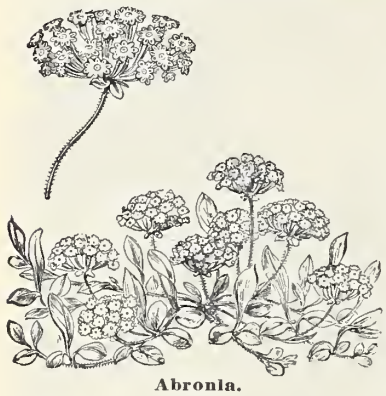
A SPECIAL strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring 5 to 6 inches across being not unusual. Plants are of extremely robust habit attaining a height of about 3 feet, and bearing on long, strong stems numerous semi-globular, mostly very double flowers all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early Summer to late Autumn. We offer six new varieties, white, Golden Yellow, Rose, Red, Scarlet, Purple and Mixed. **Price: Pkt., Each, 10c.**

FLOWER SEED—General List

THE following abbreviations and designations will be of material aid in making selections:
1 designates **early**—blooming in Spring and early Summer.
2 designates **intermediate**—blooming in midsummer.
3 designates **late**—blooming in late Summer and Autumn.
A represents **Annual**—lasting but one year.
B represents **Biennial**—lasting two years.
P represents **Perennial**—lasting three or more years.
E represents **Evergreen**—retaining foliage the entire year.
S represents **Shrubs**—plants of bushy habit.
G represents **greenhouse** plants.
Bu represents **bulbous** plant.

As a large number of Biennials and Perennials, if sown early, flowers the first season, this distinguishing mark (‡) is affixed to such.

The hardiness is denoted by the following abbreviations, but it should be understood that this is intended to apply to the climate of the Middle States. Further north or south these designations apply only in a comparative way:
h represents **hardy**—plants for open border.
hh represents **half-hardy**—plants that require to be forwarded in pots or frames.
t represents **tender**—requiring protection.



Abronia.

SEEDS BY PARCEL POST

We deliver free in the U. S. all Vegetable or Flower Seeds by the Packet, ounce or quarter pound.

Ageratum

(Floss Flower)

ONE of the best bedding plants in white and blue colors. Blooms all summer long. It is one of the few good bedders whose flowers do not fade or become spoiled by rain, sun or drought. It often keeps up a good appearance longer than geraniums. h. A.

IMPERIAL DWARF BLUE—A handsome variety different from all other Tom Thumb sorts. The tiny bushy plants do not exceed 5 inches in height, with clusters of flowers of light blue, with a dark red center, changing to pure light blue. The plants are literally covered with flowers; we have counted over 200 on a single plant. **Price: Pkt., 5c; Oz., 40c.**

IMPERIAL DWARF WHITE—Like above, except in color. **Price: Pkt., 5c; Oz., 40c.**

LITTLE DORRIT—Azure blue, splendid coloring, 6 inches high, 1 foot across. **Price: Pkt., 5c; Oz., 40c.**

MEXICAN MIXED—Blue and white, good for cutting; 18 in. **Price: Pkt., 5c; Oz., 25c.**

Anchusa

(Italica, Dropmore Variety).

ONE of the finest hardy plants of recent introduction, remarkable for its free and continuous flowering and the beautiful gentian-blue color of its flowers; grows about five feet high, and should be in every hardy border. **Price: Pkt., 10c.**

Abutilon

(Flowering Maple)

A VERY ornamental pot plant. Handsome little bushes, covered with bell shaped flowers in the daintiest and also strongest colors, dotted and veined. Bloom ready for seed the first Summar, 2-3; g. S; 4 ft.; Hybrids Mixed. **Price: Pkt., 10c.**

Abronia Umbellata

(Sand Verbena)

VERBENA-LIKE rose- colored flowers. Elegant trailing habit. 2; h. A. **Price: Pkt., 5c.**

Acacia

A BEAUTIFUL shrub with graceful branches, bearing racemes of fragrant yellow flowers. Soak seed in hot water. 1; g. P.; 6 foot. **Price: Pkt., 5c.**

Achillea

(Milfoil, or Yarrow)

THE PEARL—One of the best hardy white perennials. Grows about two feet high, and from Spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Easily grown from seed, flowering the first season if sown early. **Price: Pkt., 15c.**

Aconitum

(Monk's Hood, or Wolfsbane).

NAPELLUS BLUE—A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. **Price: Pkt., 10c.**

NAPELLUS WHITE—Price: Pkt., 10c.

Adonis Aestivalis

(Pheasant's Eye)

BEAUTIFUL dark scarlet flowers with light center. Of easy culture and showy. Fine cut foliage. A very pretty plant, 2-3 h. A.; 1 foot. **Price. Pkt., 5c.**

Ageratum Mexican.

Alyssum

THIS is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white forget-me-nots. It is pleasantly fragrant, and just the thing for personal adornment or the breakfast table. It begins to blossom early in the season and blooms more or less constantly until Fall.

LILAC QUEEN—See Page 48.

CARPET OF SNOW—We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our Carpet of Snow Alyssum. The plants commence to bloom when quite small, and will flower all Summer long till late in the Fall. This habit with its fragrance, makes it indispensible. h. A. **Price: Pkt., 5c; ½ Oz., 20c.**

LITTLE GEM—The best variety for bedding. Very dwarf and compact. **Price: Pkt., 5c; ½ Oz., 20c.**

SAXATILE—Hardy. A grand new variety of exquisite coloring. This new variety forms a perfect little bush with miniature flowers in great masses, of a bright yellow. This specie is a hardy perennial but blooms the first season from seed if sown early, grows about 12 inches high. **Price: Pkt., 5c.**

Aquilegia (Columbine)

NO hardy plant grown from seed is more easily handled than the Columbine.

Seed may be planted in the open ground early in Spring, and will, in the case of the single varieties, bloom the same season; or they may be planted in August or September, and will come up early in Spring and make vigorous plants, which will bloom abundantly during late Spring and early Summer.

St. L. S. CO.'S LONG SPURRED HYBRIDS—(See page 49).

CALIFORNICA HYBRIDA—Exquisite flowers, in yellow and orange shades, all with low spurs. **Price: Pkt., 10c.**

NEW GLANDULOSA—The flowers of this new strain are greatly enlarged, and the range of colors of the flower is of a most delicate blue. the corolla being pure white. Luxuriating in the more moist situations in the garden, growing from 1 to 1½ feet high. The large, unique, long-spurred flowers gracefully hang on long stems, are not only brilliantly effective on the plant, but equally as desirable when cut for vase and house decorations. **Price: Pkt., 15c.**

ROSE QUEEN—The plants produce on long slender stalks in great profusion, beautiful flowers of light to dark rose with white center and yellow anthers, a most delicate and beautiful combination of colors. 2½ feet high. These should be planted in a permanent place as they are perfectly hardy. As a cut flower their place cannot be filled by any other flower. **Price: Pkt., 15c.**

VULGARIS—Double White. **Price: Pkt., 10c.**
DOUBLE—All colors mixed. **Price: Pkt., 10c.**
SINGLE—All colors mixed. **Price: Pkt., 5c.**

Arabis (Rock Cress)

ALPINA NANA COMPACTA—One of the first flowers to bloom in the Spring. Pure white, low, compact, carpet-like growth, useful for rockeries and the edge of a bed of perennials. For covering graves is unexcelled. 1 to 3 h. P. **Price: Pkt., 10c; ½ Oz., 50c.**

Amaranthus

Beautiful colored foliage plants; succeeds best in sunny, dry locations.

TRI-COLOR (Joseph's Coat)—Makes a very pretty effect when used the same as Coleus. Keep it cut back to produce a symmetrical plant for edging; red, yellow and green; 2-3; t. A. 3 feet. **Price: Pkt., 5c; Oz., 35c.**

CHOICE MIXED—Price: Pkt., 5c; Oz., 20c.

Anemone (Windflower)

A very pleasing perrenial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear.

CORONARIA, Mixed Colors. Price: Pkt., 5c.

Anthemis (Hardy Marguerite)

KELWAYI—A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 feet. **Price: Pkt., 10c.**

Antirrhinum (Snapdragon)

THEY are easily raised from seeds in any rich, sunny bed. Spring seedlings bloom by midsummer, and if the flowers are cut freely the flowering will be continuous till Fall.

GIANT PURPLE KING—See page 48.

GIANT PINK VENUS—See page 48.

GIANT FLOWERING—Plants (3 ft.) produce beautiful, large, flowers on long, slender stems the entire season.

PINK—SCARLET, STRIPED YELLOW, WHITE—Price: Pkt., 5c; ½ Oz., 40c.

GIANT MIXED—A showy border plant. Excellent for cutting. A fine winter bloomer also. Blooms the first year. 1½ feet. t. P. **Price: Pkt., 5c; Oz., 20c.**

TOM THUMB VARIETIES, Mixed Colors—Only 1 foot high. **Price: Pkt., 5c.**

Arctotis Grandis (Blue-Eyed Daisy)

ITS flowerheads, borne on long stems, the ray florets, being pure white on the upper surface, are embelished by a narrow yellow zone at their base: reverse of petals pale lilac; 2; h. A. **Price: Pkt., 5c.**

Arctotis Grandis.

Asters

(Half-Hardy Annual)

St. L. S. Co. NOVELTY MIXED—See Page 49.

GIANT COMET—Flowers grow from 3 to 5 inches in diameter and to a height of about 18 inches. **White, Light Blue, Deep Blue, Rose, Crimson, White Passing to Rose, and Mixed. Price: Pkt., 10c.**

DWARF CHRYSANTHEMUM - FLOWERED MIXED—A profuse late-flowering variety. Large double flowers. **Price: Pkt., 5c.**

DAYBREAK—Beautiful shell-pink color. Especially fine for cutting. **Price: Pkt., 10c.**

NEW HOHENZOLLERN—We consider this the finest Aster ever discovered. The plants are tall growing, the flowers branching and bearing in very long profusion on stalks of from 1½ to 2 feet in length, measuring up to 8 inches across, being densely double, finely curled and bearing the greatest resemblance to a large-flowered Japanese chrysanthemum. **Fine mixed. Price: Pkt., 10c.**

OSTRICH PLUME—They branch out freely into well-formed bushes, each plant bearing from 25 to 40 magnificent flowers. Colors: Mixed. **Price: Pkt., 10c.**

ST. L. S. CO.'S BRANCHING—The superb strain, of American origin and especially adapted to our climatic conditions, now one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers. White, Rose, Lavender, Purple, Crimson, Daybreak Pink, and Mixed. **Price: Pkt., Each, 10c.**

QUEEN OF THE MARKET—The best extra early Aster. Flowers of good size, produced on long stems. Of graceful, spreading growth. We offer six varieties. **White, Light Blue, Crimson, Pink, Purple, Lavender and Mixed. Price: Pkt., 5c; Oz., 75c.**

LARGE SINGLE CHINA ASTERS

SINGLE flowers are coming much in vogue among people of aesthetic tastes and those influenced by fashion's decree; beautiful but simple. This change of front from double to single has created a demand for long-stemmed large single china asters which are of unsurpassed decorative effect when cut and vased. Mixed. **Price: Pkt., 5c.**

HARDY PERENNIAL ASTERS

THESE are among the showiest of our late-flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past, and for the best effect should be planted in masses. Mixed. **Price: Pkt., 10c.**

ASPARAGUS

PLUMOSUS—Probably the most popular house plant today. We sell thousands of florists who grow the pot plants. You can grow it for yourself and neighbors. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. **Price: Pkt., 10c.**

SPREENGERI—Similar to Plumosus in coloring, only hardier and more easily grown: 1 g. P. **Price: Pkt., 10c.**

BANANA (Musa Ensete)

ONE of the most effective lawn plants we have, giving a tropical effect to any garden. Should be planted in a somewhat sheltered place where the wind will not whip about the broad leaves. Plants can be over-wintered in a tub in the house and be set out again after all danger of frost is over. 8 to 12 feet. **Price: Pkt., 25c.**

BANANA PLANTS—See page 43.

BEGONIA

BEGONIA ERFORDIA—See page 48.

A BEAUTIFUL flower of various colors. Blooms in constant profusion from early Summer until late Fall, and an excellent plant for Winter blooming. T. P.

BEGONIA REX—Fine for growing in pots. With perfect habit. With beautiful foliage. **Price: Pkt., 25c.**

LUMINOSA—Brilliant fiery dark scarlet; very bright. **Price: Pkt., 15c.**

GRACELIS MIXED—Similar to above, only colors mixed. **Price: Pkt., 10c.**

BROWALLIA

BROWALLIA MAJOR—This new sort is without doubt the most beautiful of all the Browallais. The plants grow only about a foot high and form dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers. **Price: Pkt., 5c.**

BRACHYCOME (Swan River Daisy)

IBERIDIFOLIA MIXED—Very effective in edgings, beds, and rustic baskets. Good for house culture in winter. Always in full bloom. hh. A. **Price: Pkt., 5c; Oz., 40c.**

Hohenzollern Aster.

Balsam.

Balsam (Lady Slipper)

AN old favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easiest culture; succeeds in a good, rich soil. Tender annuals. 2 feet. Start the seed indoors in April, or sow out-of-doors in May.

ROSE FLOWERING—Mixed. **Price: Pkt., 5c; Oz., 25c.**

CAMELLIA FLOWERING MIXED—Flowers of extra size, double and full centered, with reflexed petals. The most elegant of all Balsams. **Price: Pkt., 10c; Oz., 75c.**

CAMELLIA—FLOWERED PRINCE BISMARK — Salmon pink. Very double. A pleasing color. **Price: Pkt., 10c.**

Cacalia (Tassel Flower)

A PRETTY free-blooming plant with tassel-shaped flowers, also called Devil's Paint Brush. Of easy growth; annual; 18 inches. **Price: Pkt., 5c.**

Calceolaria

COLORS—Yellow, maroon, white, etc., spotted and blotched in the most unique fashion. 1½ feet. Large Flowered Hybrids. **Price: Pkt., 25c.**

Calliopsis

ONE of the most showy flowers, very easily grown; will thrive almost anywhere without trouble or care. A favorite for the home yard or lawn. h. A.

FINE MIXED—Valuable for mixed beds and borders. About 1 ft. **Price: Pkt., 5c; Oz., 20c.**

SUPERB HYBRIDS, MIXED—Unlike other varieties, this is a fine bedding plant, besides being useful for bouquets. The colors are richer and more varied. About 14 inches. **Price: Pkt., 10c.**

DRUMMONDI—Rich golden yellow. **Price: Pkt., 5c; Oz., 25c.**

Calendula

DWARF bushy annuals, blooming abundantly until frost; of easy culture. 1 ft. h. A .

DOUBLE MIXED—Price: Pkt., 5c; Oz., 20c.

PRINCE OF ORANGE—Golden yellow. **Price: Pkt., Pkt., 5c; Oz., 25c.**

METEOR—Creamy center, edged with orange. **Price: 5c; Oz., 25c.**

Callirhoe (Poppy Mallow)

VELVET purple, with white eye. h. A. **Price: Pkt., 5c.**

Canna

CANNAS are famous for their luxuriant growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climes and conditions render them easily the most useful, showy and universally popular garden plants grown. **Price: Pkt., 10c.**

Cosmos

BEAUTIFUL autumn-blooming plants. They produce thousands of beautiful flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decorations when the other flowers are scarce. Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. When plants are about a foot high the tops should be pinched out to induce a bushy growth.

LADY LENOX—See page 49.

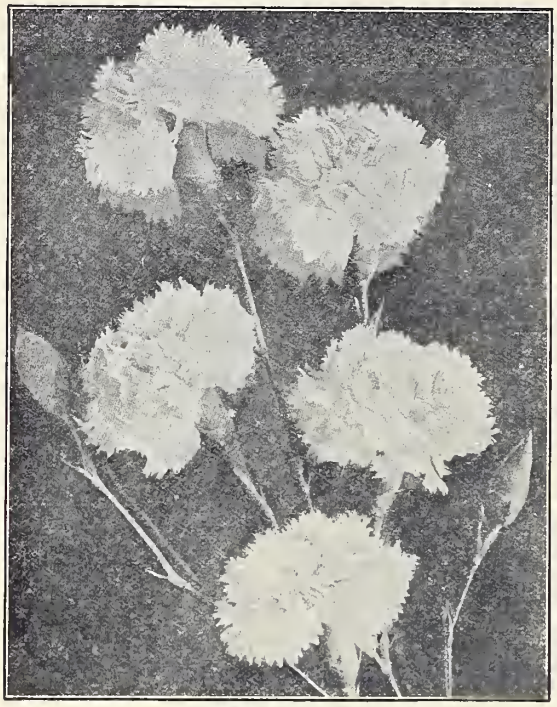
	Pkt.
Giant Flowering Crimson	10c
Giant Flowering White	10c
Giant Flowering Pink	10c
Giant Flowering Mixed; Oz., 75c.	10c
Giant Purple. Price: Pkt.,	10c

KLONDYKE—The true yellow Cosmos. **Price: Pkt., 10c.**

EARLY FLOWERING MIXED—Flowers in July. Dwarf-growth. **Price: Pkt., 5c; Oz., 50c.**

FRINGED COSMOS—A magnificent strain. The individual flowers are of enormous size and the most perfect form, while the colors are brilliant. White, Pink, Crimson and Mixed. **Price: Pkt., Each, 10c.**

Calliopsis.



Carnation.

Centaurea

(Corn Flower or Bachelor's Button.)

THIS favorite old-time flower is also known as Ragged Sailor, Blue Bottle, etc. It is a free flowering bloomer, very showy, growing from 2 to 3 feet high and are largely used for cut flowers. It grows in any soil and almost equals the Aster popularity. h. A.

CYANUS KAISER WILHELM—Rich, deep blue. 1½ feet. **Price: Pkt., 5c; Oz., 20c.**

CYANUS SINGLE MIXED—Contains all the popular colors. 1½ feet. **Price: Pkt., 5c; ½ Oz., 10c.**

CYANUS DOUBLE MIXED—A much better strain than the above. Bunch this with Sweet Peas and it makes a pretty combination. **Price: Pkt., 10c; ½ Oz., 25c.**

MOSCHATA, or SWEET SULTAN—A beautiful new variety, similar to Marguerite, producing freely large, graceful, fragrant flowers on long stems; height about 1½ feet. **Price: Pkt., 5c.**

IMPERIALS (Giant Royal Sweet Sultans)—This is a new type of annual Centaurea. Bushes are from 3 to 4 feet in height, flowers are finely fringed, soft and feathery, and frequently 3 inches across. Fine for cutting and of a strong hardy constitution. Mixed, all colors. **Price: Pkt., 5c.**

ODORATA MARGUERITE—Distinct from all other varieties. Flowers pure white; exceedingly fragrant; long stems. The centers are full and double. Grows quite bushy and of the easiest culture. **Price: Pkt., 5c.**

CANDIDISSIMI—Ornamental Leaved Centaurea. (Dusty Miller.)—For bedding, hanging baskets and pots and for edging of beds where white basket foliage is desired. Easily raised from seed. Silvery white, finely cut leaves. 1 foot. **Price: Pkt., 10c.**

GYMNOCARPA—Leaves not so white as the above. 1½ feet. **Price: Pkt., 5c.**

Carnations

CARNATIONS are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud's type are the best for summer flowering.

CHABAUD'S EVER-BLOOMING MIXED — Resembles the Marguerite Carnation, but is perpetual growing or perennial. Exquisite colors, large flowers. **Price: Pkt., 20c.**

GIANT-FLOWERING MARGUERITE MALMAISON—The flowers of this wonderful strain often measure 3 inches across, and are usually as double as double can be. The variety of color includes white, blush, deep pink, salmon, carmine, scarlet, dark crimson, maroon, and many beautifully variegated flowers. Most of them have beautifully fringed petals, and are delightfully fragrant. One great merit of these Carnations is that they commence to flower in about twelve weeks' time from seed. Seeds sown in the spring will produce luxuriant plants that will be continually full of bloom from August until killed by severe frosts, or seeds may be sown during the summer for the winter-flowering plants. **Price: Pkt., 15c.**

MARGUERITE WHITE—A beautiful snow white. **Price: Pkt., 10c.**

MARGUERITE PINK—Price: Pkt., 10c.

MARGUERITE YELLOW—Price: Pkt., 10c.

MARGUERITE RED—Price: Pkt., 10c.

MARGUERITE MIXED—These beautiful Carnations succeed in any good situation. Exquisite in color, showing beautiful shades in red, pink, white, variegated, etc. **Price: Pkt., 5c; Oz., 50c.**

PRESIDENT McKINLEY—This valuable new Chabaud-Carnation is of a strikingly bright scarlet color and strongly scented. Fully equal in beauty to the perpetual Carnations and Picotees. It surpasses them in making an early show of flowers. **Price: Pkt., 15c.**

FINEST DOUBLE MIXED—Many colors; saved from the most perfect flowers. About 1 foot. **Price: Pkt., 10c.**

Centaurea-Moschata.

Candytuft (Iberis)

HARDY ANNUALS

THE Candytuft is almost as fragrant as the sweet alyssum and very popular. Very useful as a bedding plant or for border work. Sow outdoors in April, where they are to bloom, and thin well when the plants grow about 1 inch. Sow also in July for fall blooming. Where grown in rows best results for cut-flowers can be obtained only by giving the plants at least a foot apart in the rows and 1½ feet between the rows.

EMPRESS—The best pure white and the best for cut flowers; fragrant. **Price: Pkt., 5c; Oz., 30c.**

MIXED—Price: Pkt., 5c; Oz., 15c.

(Hardy Candytuft)

GIBRALTARICA HYBRIDA—White flowers, shading to lilac. **Price: Pkt., 10c.**

SEMPERVIRENS—A profuse, white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot. **Price: Pkt., 10c.**

Campanuala (Canterbury Bells)

VERY beautiful, hardy, herbaceous perennial, bearing a great profusion of attractive Bellflowers; thrives best in light, rich soil; some of the varieties flower first season if sown early.

MEDIUM CALYCANTHEMA—Blue, Striped, White, Rose and Mixed. **Price: Pkt., Each 5c.**

Cineraria

MAGNIFICENT flowering plants for spring decorations for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades; usually two or more colors are shown in one flower, covering the plant with a sheet of blooms.

GIANT PRIZE—Our finest offering. **Price: Pkt., 20c.**

MARITIMA CANDIDISSIMA (Dusty Millers)—These, as well as the white-leaved Centaureas, are called "Dusty Millers." Fine for bedding, ribbon-beds and margins; prized for their beautiful downy, silvery foliage; half-hardy perennials; 2 feet. **Price: Pkt., 5c.**

Cotton

Grown extensively for decorating purposes. Very showy and attractive. **Price: Pkt., 5c; Oz., 15c.**

Cleome (Giant Spider Plant)

LARGE spikes of rosy carmine flowers. Large bushy plant; 3 to 4 feet high. h. A.

GIGANTEA—The finest strain. **Price: Pkt., 5c.**

Clarkia

THIS pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. **Price: Pkt., 5c.**

Coleus

COLEUS grown from seed make very thrifty plants the first season. For sub-tropical groups the endless variety and combinations of brilliant colors are very captivating. **Price: Pkt., 20c.**

Coreopsis

A BEAUTIFUL hardy flower blooming from seed the first year. Very large golden yellow flowers of great elegance and beauty. The plant is covered with flowers the entire summer. **Price: Pkt., 5c; Oz., 30c.**

Cyperus (Umbrella Plant)

ALTERNIFOLIUS—An excellent plant for growing in water and damp places; makes a very ornamental house plant, always presenting a green and attractive appearance. **Price: Pkt., 10c.**

Celosia (Coxcomb)

BEAUTIFUL plumes of brilliant colors. hh. A. Being fine for vases, and of splendid foliage. Celosia is the finest of all novelty plants, producing very large ostrich-feather-like plumes.

THOMPSON'S MAGNIFICA—A new improved strain. Colors, Golden Yellow, Fiery Scarlet, Purple, Salmon, Blood-red, etc. **Price: Pkt., 10c.**

OSTRICH PLUME CRIMSON—Price: Pkt., 5c.

OSTRICH PLUME GOLDEN—Price: Pkt., 5c.

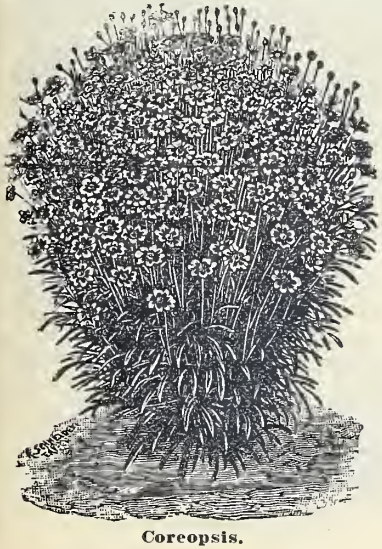
PYRAMIDALS—Tall mixed. **Price: Pkt., 5c; ½ Oz., 25c.**

CELOSIA, CRISTATA (Coxcomb)—They make attractive beds planted a mass or as a border for other plants. May be dried and kept for years, still retaining their color. hh. A. **Aurea, Yellow, Rosea, Pink. Price: Pkt., 10c.**

GLASGOW PRIZE—The best dwarf crimson sort, with handsome dark foliage. Combs very large and solid. **Price: Pkt., 10c.**

DWARF MIXED—Combs often more than 1 foot wide. **Price: Pkt., 5c.**

Flower Seed by Parcel Post Delivered Free Anywhere in the United States.



Coreopsis.

Chrysanthemums

This seed will produce Blooming Plants the First Season.

THE real beauty of these Royal Flowers of the Orient is well known. There are many people, however, who do not realize how easily they may be grown from seed, and that all of the magnificent new varieties were raised from hybridized seed, similar to that which we are now offering.

PRINCESS HENRY—Most valuable of the maximum type. It is of a very set growth, averaging only about 18 inches high. Very floriferous. **Price: Pkt., 10c.**

CORONARIUM, DOUBLE MIXED—One of the latest introductions in the Chrysanthemum world. Owing to its magnificent golden yellow and white shades it is fast becoming a florist favorite. **Price: Pkt., 5c.**

JAPANESE, DOUBLE—The seed we offer is saved from a collection of 50 different varieties from Japan. If this seed is sown in February and March, and properly treated, the plants will bloom profusely next fall equal to any plants started from cuttings. Mixed. **Price: Pkt., 20c.**

THE BRIDAL ROBE—Of very compact and upright habit; 10 inches in height; the sturdy plants throw out their finely feathered foliage from the base and deck themselves with a mantle of extra double pure white flowers. **Price Pkt., 15c.**

Cuphea (Cigar Plant)

A VERY pretty border plant. Very showy for borders and bedding. Dwarf habit, hh. A. G.

PLATYCENTRA—A favorite Cuphea. **Price: Pkt., 10c.**

Double Pinks.

Dianthus (Pinks)

IN this large and greatly varied genus are some of the most beautiful and best-loved flowers, unsurpassable for color and fragrance.

St. L. S. CO.'S SNOWDRIFT—Our new Snowdrift may be classed the Ideal Dianthus. Its robust and freely branching plants throw up a multitude of strikingly large flowers, 3 to 4 inches across, very double and with finely lacinated petals of the purest white. **Price: Pkt., 10c.**

HEDDEWIGH, DOUBLE MIXED—Price: Pkt., 10c.

HEDD, DOUBLE "FIREBALL"—Brilliant scarlet; very compact and floriferous. **Price: Pkt., 10c.**

HEDD, DOUBLE DIADEMATUS (Diaden Pink)—Mixed colors. **Price: Pkt., 5c.**

HEDD, DOUBLE ATROPURPUREA—Crimson. **Price: Pkt., 10c.**

HEDD, LACINIATUS, DOUBLE MIXED—Exquisite. **Price: Pkt., 10c.**

HEDD, SINGLE LACINIATUS, MIXED—Price; Pkt., 5c; ½ Oz., 25c.

CHINENSIS, CHINA OR INDIAN PINKS—One of the most beautiful and satisfactory summer-flowering annuals, mixed colors. **Price: Pkt., 5c; ½ Oz., 15c.**

Plumarius

(Hardy Grass Pinks)

BORDER OR SPICE PINKS—These form those dwarf bushy mat-like plants above which are produced on long stems.

PLUMARIUS, SINGLE MIXED (Pheasant's Eye)—Price: Pkt., 5c.

PLUMARIUS, DOUBLE MIXED—Price: Pkt., 10c.

"ERFURT"—The flowers of this new type are largest, are borne more profusely on shorter, stiff stems with a vivid and rich display of colors and markings. The colors include blood red, rose, maroon, purple, pink, blush, spotted, laced, variegated. Usually very double, beautifully fringed, clove-like perfume. Mixed colors. **Price: Pkt., 10c.**

Datura

ANGEL'S "TRUMPET"—A new annual variety and exceedingly fine, bearing great trumpet-like flowers, 6 to 8 inches long, with double frilled interiors; sweet-scented; plants 4 feet high, bushy and free-flowering, of fine sub-tropical effect in the garden. Mixed. **Price: Pkt., 5c; Oz., 30c.**

DELPHINIUMS (Hardy Larkspur)—See Page 61.

Erysimum

THIS Annual Border Plant is one of the sweetest scented annuals in cultivation. It is of a beautiful orange yellow coloring, is of free flowering, of bright color and neat habits. It is rapidly becoming one of our favorite bloomers. h. A. 3 feet.

PEROFSKIANUM—The favorite orange coloring. **Price: Pkt., 5c.**

Eschscholtzia (California Poppies)

BEAUTIFUL and popular annuals, being of the earliest culture and giving great satisfaction. From spring-sown seeds they flower profusely until late in the autumn, making them invaluable bedding plants. h. A.

CALIFORNICA—Bright yellow. **Price: Pkt., 5c.**

CARMINE KING—Carmine-rose on both sides of the petals. **Price: Pkt., 5c.**

ROSE CARDINAL—A grand variety. Intense carmine. **Price: Pkt., 5c; Oz., 35c.**

MANDARIN—Red flowers, orange within and scarlet without. **Price: Pkt., 5c; Oz., 30c.**

DOUBLE AND SINGLE MIXED—Price: Pkt., 5c; ½ Oz., 15c.

Dahlias

BUT few people know that Dahlias can be raised from seed and will bloom the first year. If sown early will bloom profusely all fall.

DOUBLE MIXED—Price: Pkt., 10c.
SINGLE MIXED—Price: Pkt., 5c.
CACTUS MIXED—Price: Pkt., 10c.

Shasta Daisies

ONE of the most satisfactory hardy plants for shrubbery border. Flowers profusely throughout the summer making excellent cut flowers for decorative purposes. Quite a profitable plant to grow as the flowers are in big demand by florists. **Price: Pkt., 10c.**

Daisies

PLANTS of Double Daisy will bloom the first summer and will continue to bloom for years if given slight protection during winter. They are not very particular as to soil. h. P.

DOUBLE SNOWBALL, White—Price: Pkt., 10c.
DOUBLE ROSE LONGFELLOW—Price: Pkt., 10c.
DOUBLE MIXED—Price: Pkt., 10c.

Doronicum (Leopard's Bane).

ONE of the most effective very early spring-flowering perennials.

EXCELSUM—Large orange yellow. Price: **Pkt., 15c.**

Eschscholtzia.

Euphorbia (Poinsetta)

A BEAUTIFUL plant of exquisite colorings. h. A

VARIEGATA (Snow-on-the-mountain)—Is very popular. Green foliage, veined and margined white; 2 to 4 feet. **Price: Pkt., 5c.**

HETEROPHYLLA (Mexican Fire Plant or Fire-on-the-Mountain)—An annual, resembling the beautiful hothouse poinsetta in habit and color. Smooth, glossy-green leaves, changing to a blazing scarlet, with just a tip of green left; about 3 feet. **Price: Pkt., 5c.**

Ferns

A BEAUTIFUL plant used for foliage, bouuqets, etc. Are a favorite everywhere and are very easily grown. Sow seed in rich loam. Below we offer you the finest species.

FINE MIXED — Greenhouse species. **Price: Pkt., 20c.**

HARDY—Species for outdoor culture. **Price: Pkt., 20c.**

Feverfew (Matricaria)

AN old garden favorite. This is the annual Feverfew, and one of the numerous flowers called "Bachelor's Button." Elegant for cutting and bouquet work. h. A.

DOUBLE WHITE—About 2 ft. Good for cutting. **Price: Pkt., 5c.**

GOLDEN BALL—Dwarf. Beautiful yellow. **Price: Pkt., 10c.**

Four O'clock

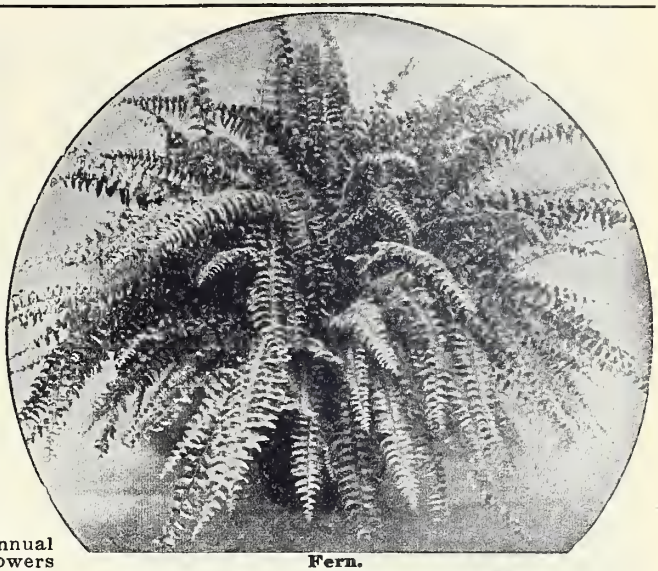
(See Marvel of Peru, Page 62)

Fuschia (Eardrops)

THIS elegant pot variety is one of our showiest plants. They produce flowers of the most beautiful colorings. g. P.

FINEST MIXED—Price: Pkt., 25c.

Gaillardia.



Fern.

Foxglove (Digitalis)

GLOXINIAEFLORA—This is a fine strain of the ordinary Foxglove, with handsome Gloxiana-like flowers on long spikes. Mixed. h. P. **Price: Pkt., 5c; Oz., 30c.**

Forget-Me-Not (Myosotis)

THESE daintily elegant little flowers are hardy perennials that love cool, moist soil, and like pansies, bloom most freely in the fall and early spring. They make beautiful close borders, or edgings, thickly sprinkled with pretty flower-sprays, and will bloom nicely in winter in a cool room or coldframe. Once at home in a garden they establish themselves by self-seeding. All the varieties are general favorites. Sow in spring in a warm, sunny border. Most varieties bloom freely the first season and profusely the second. Average height, 6 inches. hh. P.

ALPESTRIS ROBUSTA GRANDIFLORA — This splendid Forget-me-not plant is of compact habit with glossy dark green foliage, above which are carried on sturdy stems large clusters of immense pure blue flowers. **Price: Pkt., 10c.**

PALUSTRIS SEMPERFLORENS—An ever-blooming variety of the above, beginning in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. **Price: Pkt., 10c.**

INDIGO BLUE—Early and free-flowering, with the deepest indigo-blue flowers produced on long sprays which are excellent for cutting; 9 in. **Price: Pkt., 10c.**

VICTORIA DISTINCTION (Alpestris) — Bright azure blue. Very early. **Price: Pkt., 10c.**

MYOSOTIS ALPESTRIS MIXED—A pretty trailer. **Price: Pkt., 5c.**

Gaillardia (Blanket Flower)

Annual Varieties.

SPLENDID showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ feet.

ANNUAL LORENZIANA—Double highly colored as the Perennial. h. A. **Price: Pkt., 5c; Oz., 30c.**

ANNUAL LORENZIANA—Single, highly colored as the Perennial. h. A. **Price: Pkt., 5c; Oz., 25c.**

HARDY PERENNIAL VARIETIES—See page 50.

Golden Rod (Solidago Canadensis)

The well-known golden yellow favorite; hardy perennial; 2 to 5 feet. **Price: Pkt., 5c.**

Geraniums.

Geraniums

THESE grow readily from seed and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed, and there is always a chance of securing something new and desirable in that way. g. P.

ZONALE, Mixed—Price: Pkt., 10c.

APPLE-SCENTED—Price: Pkt., 25c.

Gloxinia

GLOXINIAS are most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion, and of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled and blended. Flowers of extraordinarily large dimensions, measuring from 4½ to 5 inches across. 1 foot. g. P.

GIANT HYBRIDS, MIXED—Price: Pkt., 25c.

Godetia

THEY are of a dwarf habit of growth. The flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture. h. A.

Many sorts and colors, mixed. **Price: Pkt., 5c.**

Gypsophila

GYPSOPHILAS are valuable for bouquet-making, either green or dried. They are very graceful, and easily cultivated. Should be in every garden. All flower the first season. G. paniculata continues to bloom for several years. h. A.

PANICULATA, fl. pl., double—White. **Price: Pkt., 10c.**

PANICULATA (Baby's Breath)—Flowers white. A hardy perennial which will stay in the ground all Winter. **Price: Pkt., 5c.**

ELEGANS, Pure White—Splendid for carpeting in rose or lily beds. **Price: Pkt., 5c.**

Heliotrope

ST. L. S. CO.'S GIANT CYCLOP—Deliciously fragrant, flowering plants; growing about 18 inches high; great favorites for pot culture in the winter or bedding out in the summer. Large umbels of lilac or white flowers are continuously borne. Half-hardy perennial. 1½ feet. **Price: Pkt., 10c.**

Heuchera

THE foliage is evergreen, flowers fiery coral, shading to brilliant crimson, borne on graceful spikes. A charming cut flower. h. P.

SANGUINEA SPLENDENS—Price. Pkt., 10c.

Hibiscus

ROBUST garden annuals; large saucer shaped flowers of creamy yellow with purple centers. 2 feet. h. A.

AFRICANUS (Marshmallows)—Price: Pkt., 5c.

Hunnemania (Bush Escholtzia)

THE plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers.

HUNNEMANIA-FUMARIAE-FOLIA—Yellow. 2-3 h. A. **Price: Pkt., 5c.**

Hollyhocks (5 to 8 feet high.)

NEW EVERBLOOMING DOUBLE ANNUAL—A comparatively new class of easy culture and flowering as quickly from seed as any garden annual. The plants from early sown seed set out in May begin flowering in July; the May sown in August; but in either event they flower profusely until frost. The plants are vigorous in growth and naturally branching in habit, and if given the best of treatment will thrive luxuriantly. The soil should be very rich, deeply dug, and during dry weather watered liberally. The diversity of forms and colors is delightful. There is a great variety of colors and color combinations in this strain, including maroon, pink, rose, crimson, white, cerise, scarlet and many variegations, of dainty and exquisite blending. **Price: Pkt., 10c.**

ALLEGHENY FRINGED DOUBLE MIXED—Flowers mammoth in size, fringed pink to deep red in color. Blooms very early and continues late. Blooms the first year from seed if sown early. **Price: Pkt., 10c.**

CHATER'S SUPERB DOUBLE—An extra fine strain. The plants are hardy and large, robust growers; the flowers are not closely huddled up like the other Hollyhocks. Crimson, rose, sulphur yellow, white and mixed. **Price: Each, 10c.**

DOUBLE MIXED, Ordinary Varieties—Price: Pkt., 5c; Oz., 50c.

SINGLE MIXED—Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. Mixed. **Price: Pkt., 10c.**

Hollyhock.

Ice Plant (Mesembryanthemum Crystallinum)

HANDSOME and curious plant for hanging baskets, rock work, vases and edgings. Trailer. t. A. 6 inches. **Price: Pkt., 5c.**

Impatiens Sultana

THE ZANZIBAR OR SULTAN'S BALSAM—Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. It produces waxy bright flowers almost continually Winter and Summer. Grows about one foot tall, and of a handsome rose color. 2-3 g. P. **Price: Pkt., 10c.**

Larkspur (Annual Varieties)

THESE include the Rocket and Hyacinth flowered. They bloom best in a rather cool, moist soil.

DWARF ROCKET MIXED—The earliest. **Price: Pkt., 5c; Oz., 25c.**

TALL BRANCHING MIXED—Very effective and showy planted amongst shrubbery or against the fence. 2½ ft. **Price: Pkt., 5c; Oz., 30c.**

Delphium (Hardy Perennial Larkspur)

THESE are usually taller than the annuals, requiring more space between the plants.

CHINESE ALBUM GRANDIFLORUM (White)—2 feet. The stems have many lateral branches with large flowers ranging from pure white to deep indigo blue. Leaves deeply laciniated. **Price: Pkt., 5c.**

CHINESE AZUREUM GRANDIFLORUM (Blue)—Price: Pkt., 5c.

CHINESE MIXED—Price: Pkt., 5c.

ELATUM DOUBLE MIXED—Very showy. **Price: Pkt., 10c.**

FORMOSUM—Brilliant Blue, White center; 3 feet. **Price: Pkt., 10c.**

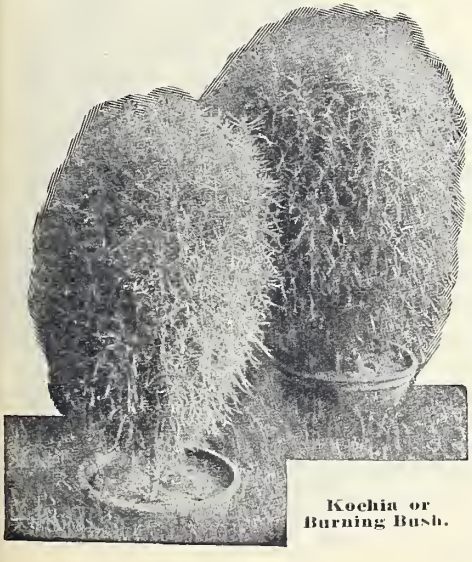
NUDICAULE—The only pure bright Scarlet. Dwarf and compact in growth, with flower stems of fine length; 1 ft. A native of California. **Price: Pkt., 10c.**

Linium (Crimson Flax)

AN unrivaled red annual for small groups and bedding. 1 foot. hh. A. **Price: Pkt., 5c; Oz., 25c.**

Kochia (Burning Bush)

FORMS regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. Autumn coloring has given it another name, "Mexican Fire Plant." Plants do best in a sunny exposure about 2 feet apart. h. A. **Price: Pkt., 5c; ½ Oz., 25c.**



Kochia or Burning Bush.

Lantana

HYBRIDA—Of tall and slender growth, they will be found a great improvement upon the newer sort, and a splendid acquisition to our list of window and garden flowers. A plant suitable to outdoor use in Summer and for house culture.. Flowers verbena-like in many colors. g. P. **Price: Pkt., 5c.**

Lemon Verbena

THE seed of this grand old favorite is very scarce. The leaves are delightfully fragrant and refreshing. Lives from year to year. g. P. **Price: Pkt., 10c.**

Lupinus

ANNUAL mixed beautiful garden annuals of strong growth. Flowers of various colorings are produced on spikes. Elegant for groups or bordering. Height 1½ to 3 feet. h. A. **Price: Pkt., 5c.**

PERENNIAL MIXED—3 h. P. **Price: Pkt., 5c.**

Linaria

CYMBALARIA (Kenilworth Ivy)—Very pretty new variety, with light green, glossy foliage and violet flowers. h. P. **Price. Pkt., 10c.**

Lily of the Valley

THIS beautiful flower can be grown from seed, it is perfectly hardy if given a top dressing of well rotted manure during winter months. **Price: Pkt., 10c.**

Lobelia Sapphire.

Lobelia

EXTENSIVELY cultivated for bedding, edgings and as a pot plant for indoor decoration. Nothing prettier for window boxes and hanging baskets. t. A.

CARDINALS (Cardinal Flower)—A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet. **Price: Pkt., 15c.**

CRYSTAL PALACE COMPACTA—Large deep blue flowers and bronzy foliage. Of fine, close habit. 6 in. **Price: Pkt., 10c.**

ERINUS GRACILIS TRAILING DARK BLUE—Price: Pkt., 5c.

FLORIST'S FAVORITE COMPACTA (Pumila Splendens)—Brilliant dark blue with white eyes. Very dwarf. **Price: Pkt., 10c.**

SAPPHIRE—Great attention has been paid of late years to the floral decoration of balconies and window-fronts, and in addition to Petunias and Ivy-leaved Geraniums used for this purpose, trailing Lobelias are also coming much into demand. This new variety is of remarkably strong growth, and is called Sapphire as the flowers show the wonderful deep blue of this gem. **Price: Pkt., 15c.**

Lychnis (Burning Star)

HAAGEANA HYBRIDA—Grand hardy perennials, which grow and bloom year after year, requiring no protection. White rose, vermilion. h. P. **Price: Pkt., 5c.**

Marigold

THE African and French Marigolds are valuable for their flowers in Autumn, and can be grown to advantage in little clumps with other plants in the front of shrubberies or in the garden border. They succeed best in light soil, with full exposure to the sun. h. A.

AFRICAN TALL DOUBLE MIXED—Taller than the French, and the flowers are larger. 2 feet. **Price: Pkt., 5c. Oz., 20c.**

FRENCH DWARF DOUBLE MIXED—Many striped and blotched. Earlier than the African. 1 foot. **Price: Pkt., 5c; Oz., 20c.**

LEGION OF HONOR—Single golden yellow blossoms marked with red. **Price: Pkt., 5c; Oz., 25c.**

Marvel of Peru

FOUR O'CLOCKS—Called Four O'Clocks because they open their blossoms at that hour in the afternoon. They are also known as "Marvel of Peru." Handsome, free-flowering, sweet-scented; blossoms variegated and striped. h. A.

FINE MIXED—Price: Pkt., 5c; Oz., 10c.

Mimulus

OR MONKEY FLOWERS—Admirable pot plants. The color and markings of the large Gloxinia-shaped flowers are rich in the extreme, ranging through crimson, maroon, yellow, white and pink, beautifully spotted and blotched.

TIGRINUS MIXED—One foot. 1-3. **Price: Pkt., 10c.**

MOSCHATUS (Musk Plant)—Foliage emits a strong musky perfume; yellow. 1 foot. 1-3. h. A. **Price: Pkt., 5c.**

Morning Glory

DWARF MIXED—Price: Pkt., 5c; Oz., 10c.

Nemophila

SPLENDID annuals for garden decorations; bright colored flowers, in shades of blue, white and violet. 1 foot. h. A.

FINEST MIXED—Price: Pkt., 5c.

Nicotiana (Ornamental Tobacco)

A BEAUTIFUL hardy annual, fine for its sweet-scented flowers and ornamental leaves. h. A.

AFFINIS—An annual with sweet-scented, pure white star-shaped flowers, 3 inches across, blooming continually. 2 to 3 feet high. **Price: Pkt., 5c.**

NICOTIANA SANDERAE—A Brazillian novelty, the entire bush being covered with large brilliant carmine red flowers. Height of about 2 feet. An ideal plant to be used for bordering and bedding purposes, as is Salvia, its graceful and copiously branching habit making it one of the most handsome flowers. It is of a decidedly sweet odor. **Price: Pkt., 10c.**

Nigella (Love in a Mist or Devil in the Bush)

A COMPACT free-flowering plant with finely cut foliage, curious looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. h. A.

DAMASCENA—The finest Nigella. **Price: Pkt., 5c; Oz., 15c.**

Nicotiana.

Mignonette

THIS is one of the grandest garden flowers ever produced, and no garden is complete without an assortment of the following varieties. The color of the florets vary on account of the density of the florets and spikes, thus presenting almost solid columns of brilliant contrasted colorings against the healthy, rich green foliage. The fragrance is delightfully rich and powerful. For cutting they are superb, remaining fresh for 8 to 10 days in water, h. A.

ALLEN'S DEFIANCE—Will throw flower stalks of a foot in length and of an unequalled delicious fragrance. Good forcing variety under glass; 1½ feet. **Price: Pkt., 5c.**

BISMARCK—Can best be described as an improved Machet. Good for florists. Has stout stalks, dark cream crimpled foliage. **Price: Pkt., 5c.**

RED GOLIATH—The spikes of flowers are immense, measuring 6 to 8 inches long by 2½ inches in diameter, and are compactly filled with giant florets, measuring ½ inch across and packed full, even in the center, with anthers, or three times as many as other Mignonettes. The fragrance is delightfully rich and powerful. For cutting it is perfection, remaining fresh for 8 to 10 days in water. **Price: Pkt., 5c.**

RUBY MACHET—A dwarf compact variety with large stubby spikes covered with copper red flowers, with good foliage close up to the flower. Having an elegant fragrance that is pleasing to all. **Price: Pkt., 10c.**

LARGE FLOWERING—Mixed. **Price: Pkt., 5c.**

Oenothera or Evening Primrose

THESE are among our most beautiful plants for mixed garden beds and borders. They grow in branching form 1 to 2 feet in height and produce freely and continuously large single Poppy-like flowers of white, yellow, rose color, etc., The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation. Mixed Annual Varieties. **Price: Pkt., 5c.**

Pentstemon (Beard Tongue)

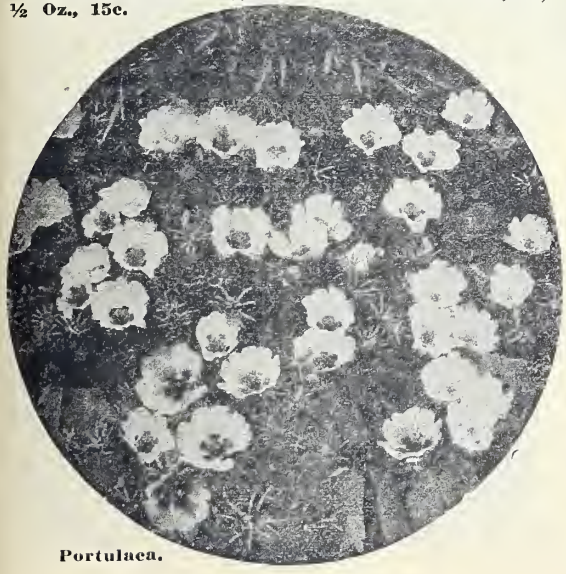
HIGHLY useful and attractive hardy perennial, and much used in the hardy border.

GIANT FLOWERING MIXED—As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 2 feet high, every branch being a spike of large, gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy, and best treated like Petunias, Verbenas, Salvia, etc. **Price: Pkt., 10c.**

MIXED—This is a mixture of good flowering varieties and a very excellent assortment of colors. **Price: Pkt., 5c.**

Perilla

LACINIATA—A beautiful showy plant. Highly prized for its foliage, producing leaves similar to the Coleus. 1½ ft. 2 hh. A. **Price: Pkt., 5c; ½ Oz., 15c.**



Portulaca.

Phacelia

CAMPANULARI—Flower a rich deep blue; height 1 to 2 feet. 2 h. A. Excellent for bees. **Price: Pkt., 5c.**

Physalis (Chinese Lantern Plant)

FRANCHETI—An ornamental variety of the Winter-Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. **Price: Pkt., 10c.**

Platycodon (Chinese Bell Flower)

HARDY perennials bearing large, broad, bell-shaped white or blue flowers, very handsome for garden decoration. 1½ feet. The **Nana Compacta or "Mariest"** type form sturdy little bushes only about 12 inches high and are profuse bloomers. 2 h. P.

GRANDIFLORUM—Color blue, very hardy. Height 2 feet. **Price: Pkt., 5c.**

GRANDIFLORUM—White. **Price: Pkt., 5c.**

Portulaca

SOMETIMES called Rose Moss. Few flowers make such a dazzling display of color in the bright sunshine as a bed of portulacas. The glossy cup-shaped single flowers and rose-like double flowers, about one inch across, range through many shades of red, white, pink, orange, yellow, striped, etc. Plants low growing or creeping with thick, fleshy stems tinged with red and small quill-shaped leaves. Desirable also for edgings. They are in bloom through a long season. Sow seed outdoors, after weather is warm and settled, where the plants are to stand in rows of one foot apart.

LARGE FLOWERING, SINGLE, White, Scarlet, Rose, Yellow and mixed—Price: Pkt., Each, 5c; Oz., 30c.

DOUBLE FINE MIXED—Produces large percentage of perfectly double flowers; all colors mixed. **Price: Pkt., 5c.**

Potentilla (Flowering Strawberry)

A BEAUTIFUL border plant; flowers from yellow to bright red. Leaves resemble strawberry plants. An unexcelled plant for border and naturalizing effect. 1 ft. h. P. Double sorts mixed. **Price: Pkt., 10c.**

Pansies

LARGEST FLOWERING VARIETIES.

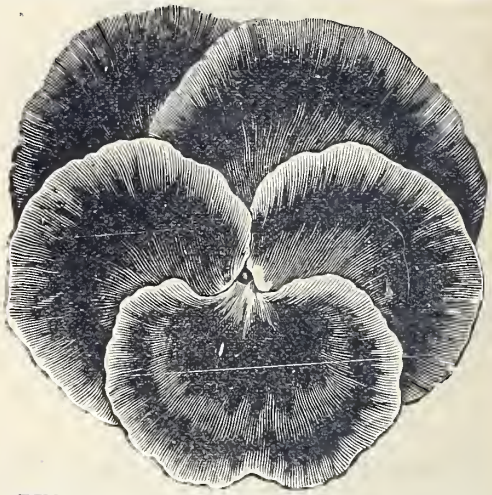
SOW the seeds in drills, covering them not more than four times their diameter and firming the soil well above them.

Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming.

NEW EXHIBITION—This wonderful Giant Pansy we offer as our leader. We challenge its equal from any seed house, grower or originator. The colorings of this Pansy are mixed, there being no end to the numerous shades which nature has endowed upon this gigantic marvel, every petal being a veritable display of shades and coloring in itself. **Price: Pkt., 25c.**

ST. L. S. CO.'S "NONPAREIL" MIXTURE—This is certainly one of the grandest collections of the rarest and most beautiful varieties of Pansies. There is no end to the countless shades of color with which nature has endowed this mixture. The flowers are of large size and the plants grow more compactly bushy than other mixtures. We have the best mixtures of the European speciallsts who raise it. **Price: Pkt., 20c.**

TRIMARDEAU GIANT, MIXED—Extra large flowers, but not of such perfect form as the Imperial German. Most of the flowers have three large blotches or spots. **Price: Pkt., 10c.**



BUGNOT'S GIANT MIXTURE—One of the richest mixtures imaginable; contains the finest blotched varieties; of large size and exquisite colorings. **Price: Pkt., 15c.**

CASSIER'S GIANT, MIXED—One of the largest blotched varieties with petals of the finest coloring. **Price: Pkt., 20c.**

ST. L. S. CO.'S LARGE FLOWERING MIXED—An extra fine strain. Plants compact and produce flowers in great variety of colors. **Price: Pkt., 10c.**

MASTERPIECE—This grand new giant Pansy is remarkable in having the borders of the petals waved or frilled, whlch gives the flower an almost double appearance; the type is altogether novel and distinct. **Prlce: Pkt., 15c.**

FINE MIXED—Prlce: Pkt., 5c.

IMPERIAL GERMAN GIANT, MIXED—They embrace all the solid or self-colors, delicately shaded of various colors, dark and light marbled varieties, flowers with clear, distinct eyes, striped flowers of striking beauty and vivldly colored fancy varleties. **Prlce: Pkt., 15c.**

Separate Colors

All Giant-Flowered Varieties.

ADONIS—Soft lavender blue.
FIRE KING—Bright reddish brown.
KING OF THE BLACKS (Faust)—Pure jet black.
LORD BEACONSFIELD—Lavender and violet.
SNOWFLAKE—White.
EMPEROR WILLIAM—Ultramarine-blue.
GOLD ELSIE—Clear yellow.

Any of the above, Separate colors, 10c per Packet; 3 for 25c.

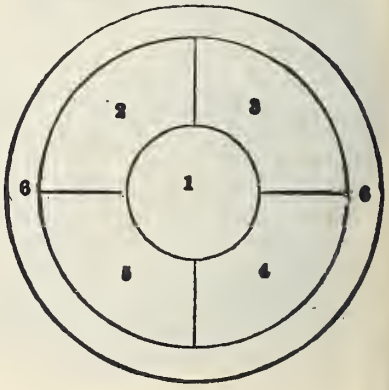
Special Offer to Pansy Lovers

THIS diagram, when properly laid out as shown in illustration, and sown with the following named varieties as per their respective numberings, will produce one of the most striking sights obtainable in the floral world:

No. 1.	Snowflake. Price	Pkt., 10c
No. 2.	Faust. Price	Pkt., 10c
No. 3.	Lord Beaconsfield. Price	Pkt., 10c
No. 4.	Fire King. Prlce	Pkt., 10c
No. 5.	Emperor William. Price	Pkt., 10c
No. 6.	Gold Elsie. Price	Pkt., 10c
	Total	60c

This collection will produce a bed 6 feet in diameter.

In order that everyone may try thls magnificent collection, we will send the 6 packets, as described, for only **40c.**



Petunia

DWF. FRINGED MIXED—See Page 50.
VIOLET—See Page 50.
INFLATA—See Page 50.

GIANTS OF CALIFORNIA—The richest colors, the largest flowers and the finest markings of all Petunias. Flowers of gigantic size, many of them measuring 5 inches in diameter, and of an astonishing variety of colors. They embrace every conceivable shade of crimson, pink, lavender, pure white, etc., with a diversity of beautiful throat veinings. **Price: Pkt., 15c.**

HOWARD'S STAR—A beautiful free-flowering strain, color crimson, maroon with a clearly-defined five pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. **Price: Pkt., 10c.**

SNOWBALL—A fine compact sort, producing its pure satiny-white flowers throughout the entire season. **Price: Pkt., 10c.**

ROSE PINK—Dark rose with fine white throat. **Price: Pkt., 10c.**

DOUBLE LARGE-FLOWERING FRINGED, MIXED—The grandest strain of Petunias. Flowers of immense size and variety. **Price: Pkt., 25c.**

DWARF MIXED—Splendid dwarf varieties; large flowering. **Price: Pkt., 10c.**

EXTRA CHOICE MIXED—A very choice strain, partly made up from named large-flowering sorts, which will give the greatest variety of colors. **Price: Pkt., 10c.**

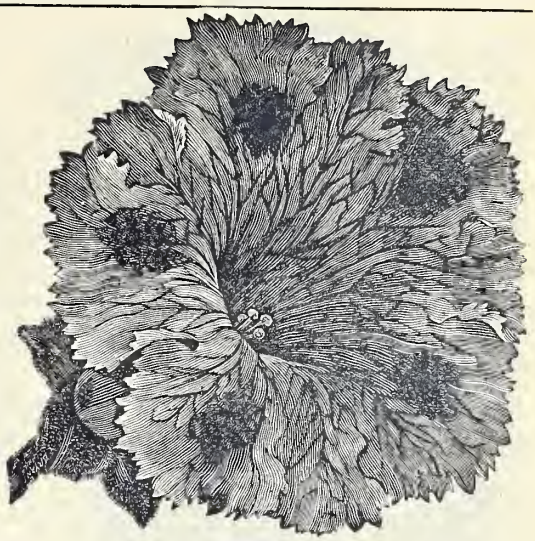
FINE MIXED—Many colors; fine for bedding. **Price: Pkt., 5c; Oz., 40c.**

Primula (Primrose)

OBCONICA—This is one of the most useful flowering plants. If sown early in the Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. h. P.

GRANDIFLORA—A very profuse bloomer, bearing on long stems, heads containing 10 to 15 flowers. Pure white, shaded lilac. P. **Price: Pkt., 10c.**

Phlox.



Petunia.

CHINENSIS (Chinese Primrose)—The culture of these lovely flowers is much easier than most people think. Our mixture includes all the choicest colors of the single flowering Primulas in all their dainty shadings. Large flowering and fern-leaved mixed. G. B. **Price: Pkt., 25c.**

Hardy Primroses

THESE are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

AURICULA—Beautiful low-growing early Spring-flowering plants, fine for borders, pot culture, etc.; the fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long. **Price: Pkt., 10c.**

VULGARIS (English Primrose)—Canary-yellow, fragrant. **Price: Pkt., 10c.**

POLYANTHUS VERIS—Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches. **Price: Pkt., 10c.**

Phlox

A GRAND flower for giving solid color effect. The flowers literally cover the beds with their brilliant hues. It is a wonderful bloomer and continues late in the season if not allowed to produce seed.

STARRED AND FRINGED MIXED—Very odd and pretty effect. **Price: Pkt., 5c.**

LARGE FLOWERING—This important strain is not only notable for variety and brilliancy of colors, but also for the perfection and size of flowers, which are very large and round, the petals overlapping each other. Mixed. **Price: Pkt., 10c; Oz., 50c.**

FINE MIXED—Bright, showy flowers. Good for cutting. 1 foot. **Price: Pkt., 5c.**

DWARF PHLOX—This strain grows only 6 inches in height. Plants form round, compact bushes, and are thickly studded with bright, showy flowers, like the taller variety in all colors. Splendid for bedding, edging and pot culture.

DWARF FIREBALL—Elegant scarlet flowers of fiery hue. **Price: Pkt., 10c.**

DWARF SNOWBALL—White form of the above. **Price: Pkt., 10c.**

DWARF MIXED—All colors mixed. **Price: Pkt., 5c.**

HARDY PERENNIAL PHLOX—Fine herbaceous perennial for beds or mixed borders. Mixed. **Price: Pkt., 10c.**

Poppy—Carnation Flowered.

Poppies

NNUAL POPPIES should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results.

ADMIRAL POPPY—A single Paeony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a very striking contrast, and when planted in groups produce a magnificent effect. **Price: Pkt., 5c.**

DAINTY LADY—Flowers, 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of each petal. **Price: Pkt., 5c.**

DANEBROG, OR DANISH CROSS—Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. **Price: Pkt., 5c.**

DOUBLE CARDINAL—Round as a ball, red as fire. The flowers are of very large size and finely fringed. In color it is a glowing cardinal scarlet of attractive brillancy, and the long duration of its blooming period makes it a very desirable variety indeed. Height, 16 inches. h. A. **Price: Pkt., 5c.**

DOUBLE CARNATION-FLOWERED—Large, showy flowers. 2 feet. h. A. Mixed. **Price: Pkt., 5c; Oz., 15c.**

SHIRLEY-MIXED—This magnificent species sports to numberless shades of color, from pure white to rose pink, carmine and deepest crimson. h. A. **Price: Pkt., 5c.**

TULIP FLOWERED SCARLET—Large bright scarlet flowers. The two outer petals of the flower form a tulip cup. Strikingly beautiful. About 1 foot. h. A. **Price: Pkt., 5c.**

Hardy Perennial Poppies

ORIENTAL Poppies should be sown in early spring in the open ground as it is fit to work.
ICELAND LACINIATED MIXED—White, salmon, rose and orange, with yellow stamens. Petals delicately lacinated and fringed. Dwarf h. P. **Price: Pkt., 10c.**
ORIENTAL HYBRIDS—Large, showy flowers, ranging in color from orange-scarlet to crimson. Very brilliant. h. P. About 2½ feet. **Price: Pkt., 10c.**

Pyrethrum (Feverfew) 2, 3; h. A.

ROSEUM HYBRIDEUM GRANDIFLORUM—Flowers of enormous size, ranging in color from light pink and rose to deep carmine. **Price: Pkt., 10c.**
AUREUM (Golden Feather)—Yellow foliage. **Price: Pkt., 5c.**

Rudbeckia (Cone Flower)

FULGIDA—An effective hardy perennial sort, producing in masses during August and September brilliant orange-yellow flowers; 3 feet. **Price: Pkt., 5c.**

Ricinus (Castor Oil Bean)

ORNAMENTAL plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or center plants for beds.
ZANZIBARIENSIS—Surpasses all in size and beauty of colors, which include glaucous-green, coppery brown, metallic red, brownish purple, red maroon and bronze, 8 to 10 feet. **Price: Pkt., 5c; Oz., 15c.**
BORBONIENSIS ARBOREUS—The tallest of the Ricinus family. 15 feet. **Price: Pkt., 5c; Oz., 20c.**
CAMBODGENSIS—A beautiful black-leaved specie, a handsome foliage. **Price: Pkt., 5c; Oz., 20c.**
GIBSONI—Purplish leaves and stems. 6 feet. **Price: Pkt., 5c; Oz., 20c.**
MIXED SORTS—Price: Pkt., 5c; Oz., 10c.

Rose Campion

AGROSTEMMA CORONARIA—Exceedingly handsome and free-flowering. Rose pink. h. P. 1½ feet. **Price: Pkt., 5c.**

Salpiglossis (Painted Tongue)

AS pot plants they are elegant and for cut flowers for vase and bouquets they are unsurpassed. 2-3. H. H. A.
LARGE FLOWERING (Painted Tongue)—Yellow, rose scarlet, light blue, purplish violet mixed. **Price: Pkt., 5c.**

Ricinus or Castor Oil Plant.

Salvia (Flowering Sage) H. H. A.

THE plants grow and bloom profusely in any light, rich soil.

ZURID—See page 50.

PATENS (Blue Sage)—A much improved strain of the Salvia. It forms a globular, strong branching bush of from 2 to 3 feet high. Its long, strong, ultramarine blue, very showy panicles are borne erectly and freely above the luxuriant dark green foliage used mostly for a border plant. **Price: Pkt., 10c.**

SPLENDEN'S GRANDIFLORA, SCARLET—A rich-flowered bedder. 3 feet. **Price: Pkt., 5c.**

SPLENDEN'S BONFIRE—Our well-known compact Salvia—the freest blooming of all, seemingly on fire all the time with dense, flaming scarlet spikes. 2½ feet. **Price: Pkt., 10c.**

FIREBALL—The most compact type of Salvia yet introduced. Splendid for beds or borders, of somewhat dwarf habit. **Price: Pkt., 15c.**

ST. LOUIS—This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. **Price: Pkt., 15c.**

Schizanthus (Butterfly or Fringe Flower)

THIS is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. If a continuous show of bloom is desired, it will be well to make sowings of seed in a sheltered bed and transplant into the borders as required. The Schizanthus make admirable pot plants for the house, and are charming for window boxes in winter.

LARGE-FLOWERED MIXED—As pretty as miniature Orchids. Exceedingly profuse bloomers. Forming compact pyramidal plants a foot high, literally covered with large beautiful orchid-like flowers in a bewildering range of color. **Price: Pkt., 5c.**

Stocks.

Schizanthus.

Sensitive Plant

(Minosa Pudica)

A CURIOUS and interesting plant with pinkish white flowers; the leaves close when touched or shaken. 1½ feet. The favorite variety. 2-3; t. A. **Price: Pkt., 5c.**

Stocks

LARGE FLOWERING DOUBLE—Select pot-grown German seed. **White, red, Canary yellow, Lt. blue, purple, rose and mixed. Price: Pkt., Each 10c.**

DOUBLE GERMAN MIXED—The best for ordinary outdoor planting. **Price: Pkt., 5c.**

WINTER OR BROMTON MIXED—Remove the plants indoors for winter blooming. **Price: Pkt., 15c.**

Silene (Catchfly)

AN effective garden annual, forming compact, round bushes, 6 inches high, which during the summer, are covered densely with flowers of white, pink or red. For low beds or edgings it is very pretty. Mixed colors. **Price: Pkt., 5c.**

Solanum

(Jerusalem Cherry)

THIS is a very useful pot plant for winter decoration. It is of the dwarf branching habit; leaves small and oval-shaped, bearing in the greatest profusion bright, scarlet, globular berries. Very ornamental. 1 foot. 2-3. t. A.

CAPSICASTRUM—A beautiful decorative variety. **Price: Pkt., 5c.**

Scabiosa.

Tritoma

HYBRIDA—The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. Readily grown from seed, many flowering the first year if sown early, which are undoubtedly the finest in this country. **Price Pkt., 10c.**

Stokesia (Corn Flower Aster)

HIGHLY valuable for cutting, supplying a shade of coloring not overly plentiful at any season of the year.

CYANEA—The earliest and best sort. Blue. h. P. **Price: Pkt., 10c.**

CYANEA ALBA—A pure white-flowering form, identical to the popular blue variety in every way except color. **Price: Pkt., 10c.**

Verbena (hh. P.)

ST. L. S. CO.'S MAMMOTH STRAIN—The individual blossoms are frequently larger than a silver quarter; in fact, many are scarcely covered by a silver half dollar. Ours is a strain of truly Mammoth Verbena that produces uniformly magnificent trusses of flowers which embrace a wide range of colors. **White, Purple, Pink, Scarlet and Mixed. Price: Pkt., Each 10c.**

GREAT FLORAL CLOCK MIXTURE—This splendid new variety is a very dwarf compact growing Bush-Verbena with large trusses of pure flesh-colored flowers, a shade previously unknown in this class. Excellent for dwarf beds and borders, and, in fact, superior to any of the other Verbena family, producing mammoth trusses of flowers of unusual size and colorings. **Price: Pkt., 10c.**

FINE MIXED—All in good colors. **Price: Pkt., 5c; Oz., 50c.**

Scabiosa (2, 3 h. A.)

THEY grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. **Crimson, rose, black purple, white, mixed. Price: Pkt., Each 5c.**

CAUCASICA (Blue Bonnet)—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet. **Price: Pkt., 10c.**

Sweet William (h. P.)

New Annual—See Page 51.

DOUBLE MIXED—This mixture contains the finest colors. Impossible to find anything that can compare with it. **Price: Pkt., 10c.**

SINGLE MIXED—**Price: Pkt., 5c.**

Sunflower (Helianthus)

FAR superior to common Sunflowers. The large, rich golden yellow flowers are produced on each branch. Makes a beautiful hedge. h. A.

GOLDEN BALL—A beautiful large double variety. **Price: Pkt., 5c; Oz., 10c.**

DWARF DOUBLE—Similar to the above variety, only of a dwarf nature, with variegated leaves. **Price: Pkt., 5c; Oz., 15c.**

DOUBLE CALIFORNIA—A beautiful, large golden double variety. **Price: Pkt., 5c; Oz., 15c.**

Single Flowering Sorts

THE single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May, they come into bloom early in summer and keep up a constant supply of flowers until cut down by frost.

ORION—Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. **Price: Pkt., 10c.**

STELLA (Improved Miniature Sunflower)—Differs from the above by its large and better formed flowers of the purest golden yellow, with black disc. **Price: Pkt., 5c.**

Hardy Perennial Sunflowers

MIXED. Contains the finest single-flowering hardy perennial sort. Seeds sown early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value. **Price: Pkt., 5c.**

Verbena.

Zinnia

THE plants form handsome little bushes about 15 inches high, and fairly bristle with tiny, short stemmed, very double flowers, hardly exceeding a Daisy flower in size. They are exceedingly pretty plants and bloom all summer long and until late in the fall. 1½ to 2 feet. h. A.

GIANT DOUBLE—See Page 51.

ELEGAN'S DOUBLE—This we consider the best type for general use, forming bushy, compact plants not over 2 feet high, and bearing perfect double flowers as large as the taller-growing sorts. **Mixed. Price: Pkt., 5c.**

ZEBRA DOUBLE MIXED—A very pretty strain of striped flowers. **Price: Pkt., 5c.**

DOUBLE LILIPUT MIXED—Smaller than the ordinary Zinnia, long stiff stems. Valuable for bouquets. **Price: Pkt., 5c.**

DWARF DOUBLE MIXED—Price: Pkt., 5c.

Zinnia.

Vinca (Madagascar Perwinkle)

THE Vincas are among our most satisfactory bedding plants; they are very ornamental and bloom freely from early summer until destroyed by frost. In the fall they can be potted for the house, and kept in bloom through the winter. t. P.

ROSEA—Fine rose color. **Price: Pkt., 5c.**

ROSEA ALBA—White, rosy eye. **Price: Pkt., 5c.**

ALBA PURA—Clear, pure white. **Price: Pkt., 5c.**

ALL COLORS, MIXED—Price: Pkt. 5c.

Sweet Rocket (Hesperis)

OLD-FASHIONED garden plant, and among the most desirable of hardy flowers; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high. h. P. Fine mixed. **Price: Pkt., 5c.**

Wahlenbergia

See Platycodon—Page 63.

Wall Flower

A BEAUTIFUL hardy perennial of exquisite coloring, producing long, showy spikes in abundance. h. P.

EXTRA EARLY PARISIAN—Blooms in August and continues until checked by frost; magnificent golden yellow single flowers on long spikes; deliciously fragrant. **Price: Pkt., 5c.**

DOUBLE MIXED—Price: Pkt., 10c.

SINGLE MIXED—1 foot. **Price: Pkt., 5c.**

Violets (Sweet Scented)

VIOLA ODORATA (Semperflorens)—Is the well-known English Violet, a free-flowering hardy perennial. May be grown from seed. Succeeds best in a partially shaded, moist place. h. P. **Price: Pkt., 10c.**

Virginian Stock

CHARMING dwarf annuals, with bright-colored flowers, making the garden gay in early summer. ½ foot. h. A.

MIXED—Price: Pkt., 5c.

Viscaria

VERY free-blooming annuals, closely allied to the Lychnis; they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out to prevent overcrowding.

MIXED—Containing about six different colors, some with dark eyes. **Price: Pkt., 5c.**

Water Lily Seeds

HARDY Nymphaeas may be sown either in fall or spring in the shallow places on the margin of natural ponds, where, if conditions are favorable, they will germinate and soon become established. Two inches of water over the soil is sufficient. As soon as the seedlings have made two leaves, put them singly into small pots. **Price: Pkt., 15c.**

Wild Garden Flower Seeds

UNDER this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. **Price: Pkt., 5c.**

Everlasting Flowers

THESE are mostly annuals, with straw-like flowers that keep their form and color for years. With few exceptions they should be cut just as the buds begin to expand.

ACROCLINIUM ROSEUM—Rose and white mixed. 1 ft.

HELICHRYSUM, MIXED (Bachelor Button) — Very ornamental and much admired when dried. Fine double mixed. 3 ft.

GOMPHRENA, MIXED (Globe Amaranth).

HELIPTERUM SANFORDII—Clusters of yellow flowers.

RHODANTHE, MIXED—Pretty for bouquets.

SATICE SUWOROWI—Bright rose color.

Any variety 5 cents per Packet. The above 6 Packets, 20 cents.

Ornamental Grasses

FOR large beds or groups on lawns nothing gives a finer effect and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties.

BRIZA MAXIMA (Quacking Grass)—Very beautiful.

COIX LACHRIMA (Job's Tears)—2 ft.

GINERIUM ARGENTEUM (Pampus Grass)—The most noble grass in cultivation. 12 ft.

LAGURUS OVATUS (Hare's Tail Grass)—Bushy and Puffy.

EULALIA ZEBRINA (Zebra Grass)—Light green, barred with creamy white. Variagation runs across foliage.

PENNISETUM RUEPPELIANUM (Purple Fountain Grass)—Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annual; 3 feet. **Price: Pkt., 5c.**

PENNISETUM LONGISTYLUM — A favorite among florists for bouquets, etc.

STIPA PINNATA (Feathered Grass).

ALL COLORS MIXED—Price: Pkt., Each, 5c.

Climbers Worthy of Notice

Ampelopsis.

Antigonon (Leptopus)

(Mountain Rose)

A GRAND and effective vine when grown in a sunny spot. Bear numerous clusters of deep pink blossoms, completely covering the vine. If outdoors it does best in the South. 3 g. P. **Price: Pkt., 5c.**

Adlumia (Cirrhosa)

(Mountain Fringe or Allegheny Vine)

A charming, hardy bennial climber. Feathery foliage, rose-colored flowers. 3. h. B. 15 feet. **Price: Pkt., 5c.**

Ampelopsis (Veitchii)

(Boston and Japan Ivy)

CLINGS to the walls of wood, stone or brick. Dense foliage; glossy green, changing to red and yellow in autumn. h. P. 40 feet. **Price: Pkt., 5c.**

AMPELOPSIS PLANTS—See Page 32.

Aristolochia (Sipho)

(Dutchman's Pipe)

EXCELLENT for shade or screen purposes. h. P. **Price: Pkt., 10c.**

ARISTALOCHIA PLANT—See Page 33.

Cypress Vine.

Balloon Vine

(Love-in-a-Puff)

A RAPID growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like minature balloons. 5 to 10 feet. hh. A. **Price: Pkt., 5c.**

Balsam

APPLE (Mamordica Balsamina)—A beautiful climbing plant; handsome apple-shaped fruits. Makes dense shade. The fruits preserved in alcohol make a useful liniment. hh. A. 15 to 20 feet. **Price: Pkt., 5c; Oz., 25c.**

Balsam Apple.

PEAR (Mamordica Charantia)—Fruits are longer than the apple. **Price: Pkt., 5c; Oz., 25c.**

Cypress Vine

ROSE PINK—See Page 51.

BEAUTIFULLY twining vine. Its foliage is quite as attractive as its flowers. A continuous bloomer and adapted for any purpose. t. A. 15 feet or more. **Scarlet** and **White. Price: Pkt., Each 5c; Oz., 20c.**

MIXED—Price: Pkt., 5c; Oz., 15c.

Canary Bird Flower (Tropoelum Peregrinum)

Charming little canary-colored blossoms resembling canary birds. Very pretty for trellis. hh. A. 10 to 15 feet. **Price: Pkt., 5c.**

Ornamental Gourds

THEY attain the remarkable growth of from 10 to 20 feet in height and are grown extensively for household as well as ornamental purposes.

PEAR-SHAPED—Striped yellow and green. **Price: Pkt., 5c.**

APPLE-SHAPED—Beautifully striped. **Price: Pkt., 5c.**

DIPPER CALABASH—Useful for many household purposes. When grown on the ground, produces differently shaped gourds than on the trellis. **Price: Pkt., 5c.**

DISH CLOTH OR LUFFA—Sponge-like, porous lining is dried and used in the bath or for dishcloth. **Price: Pkt., 5c.**

HERCULES' CLUB—The longest of any of the gourds. **Price: Pkt., 5c.**

JAPANESE NEST EGG—Resembles hen's eggs in color, size and shape. **Price: Pkt., 5c.**

PIPE—The stem ends of the fruits are much used in making pipes. **Price: Pkt., 5c.**

SUGAR TROUGH—Very light, but durable. Used for buckets, baskets, soap and salt dishes, etc. **Price: Pkt., 5c.**

MOCK ORANGE—A handsome gourd; very popular. **Price: Pkt., 5c.**

TURK'S TURBAN—All colors, mixed. **Price: Pkt., 5c.**

SMALL VARIETIES, MIXED—Price: Pkt., 5c; Oz., 25c.

Climbers—Continued.

DOLICHOS (Hyacinth Bean)

A RAPID growing twiner, with attractive flowers and lots of foliage. Will grow anywhere and is very popular. t. A. 20 feet.

"DAYLIGHT" PRINCESS HELEN—This grand Hyacinth Bean comes from Japan. Seed sown late in May will by the middle of July often attain a height of ten feet, and are covered with spikes of snow-white, pea-shaped blossoms from then on until late fall. The heart-shaped foliage is bright green, and is not affected by insect pests of any kind. **Price: Pkt., 5c; Oz., 15c.**

SONDANIEANSIS—The most beautiful purple ever discovered. Similar to the Daylight except in color. **Price: Pkt., 5c; Oz., 15c.**

MIXED COLORS—Price: Pkt., 5c; Oz., 10c.

Butterfly Runner Bean

ONE of the most beautiful new climbing flowers. The vine is also extremely floriferous; its leaves, of a somewhat lighter green than other runners, almost disappearing beneath the clusters of charming flowers which gracefully rise and fall, like butterflies in the passing breeze. **Price: Pkt., 10c.**

Scarlet Runner Bean

A GREAT favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms. **Price: Pkt., 5c.**

Hop

JAPANESE VARIEGATED—Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 feet, resembling the common Hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it. **Price: Pkt., 10c.**

Cobaea (Cup-and-Saucer Vine)

A CLIMBER of rapid growth, attaining a height of 30 to 50 feet during the season, valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds **edgewise** and merely cover with light soil; to get early results, start the seed indoors in March or April; can also be sown out-of-doors in May.

Dolichos.

Japanese Hop.

SCANDENS—Large bell-shaped purple flowers. **Price: Pkt., 5c.**

Japanese Kudzu Vine

From Seed: Hardy and a Rapid Grower.

THE beautiful new Ornamental and Rapid Climbing Vine which we offered last season met with such universal praise that we have no hesitancy in urging our customers everywhere to try it. It is much better to grow these from seed in this locality, as the imported roots do not thrive, as they are in transit from Japan too long and seems to injure them a great deal. **Price: Pkt., 10c.**

Maurandia

FINE MIXED—Suitable either for house or garden culture. t. P. 10 feet. **Price: Pkt., 5c.**

Mina

LOBATA—Half hardy Mexican climbing annual. The buds are at first of a vivid red, but turn to orange-yellow before they open, and when fully expanded the flowers are of a creamy-white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet. Seed should be sown early. h. A. **Price: Pkt., 5c.**

Climbers—Continued.

Morning Glories

ST. L. S. CO.'S NEW JAPANESE GIANT — See Page 51.

IMPERIAL JAPANESE FRINGED—This exquisite new Morning Glory is without doubt the finest new specie ever offered. So rich and beautiful are its gorgeous markings of handsome blotched petals that it cannot be compared with the ordinary Japanese Morning Glory. The flowers are of enormous size, and the vines of a beautiful clinging nature. **Price: Pkt., 10c; Oz., 20c.**

SETOSA (Brazilian Morning Glory)—Bears enormous rosy flowers with a pink satiny star. Seed pods add a great deal to its attractiveness. **Price: Pkt., 5c; Oz., 30c.**

FINE MIXED—All colors. **Price: Pkt., 5c; Oz., 10c.**

Moon Flower

WHITE LARGE FLOWERING—The most rapid growing of all annual twining vines. Grows to a height of 50 feet or more in favorable seasons. t. A. **Price: Pkt., 10c.**

BLUE (Impomoea Bona Nox)—Beautiful large violet flowers. **Price: Pkt., 5c; Oz., 20c.**

Smilax (Myrsiphyllum Asparagoides)

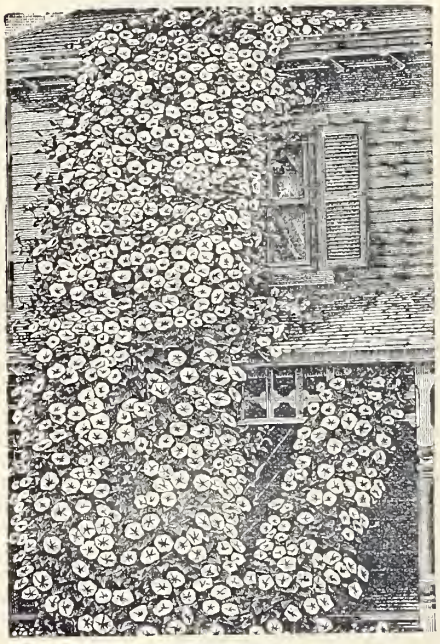
IN many respects the Similax is the most useful, and it is certainly one of the most graceful climbers which adorne the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. **Price: Pkt., 5c.**

Passiflora

(Passion Vine)

COERULEA—Very popular for window decoration or sunny locations in the garden. Blue. 2-3. hh. P. 10 feet. **Price: Pkt., 5c.**

Morning Glories.



Moon Flower.

Mixture of Rapid Climbers

INCLUDES vines which succeed in shady, cool positions, and those that do best in dry, sunny ground. The different types of leaves and changes in color amongst the various flowers give a beautiful effect. **Price: Pkt., 10c.**

Perennial Peas

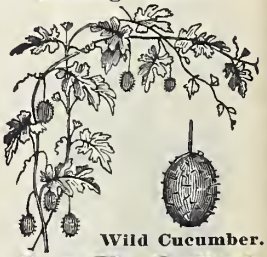
LATHYRUS LATIFOLIUS — If you have a fence or a stump to cover with a vine that makes lots of growth, bears attractive, large clusters of flowers, and never dies but increases in size every year, plant this h. P. **Pink, White, Crimson, Mixed, each variety. Price: Pkt., 10c Each.**

Thunbergia

MIXED (Blackeyed Susan)—Handsome foliage and flowers. Used for a screen or basket. 1-2. hh. A. 6 ft. **Price: Pkt., 5c.**

Wild Cucumber

A RAPID climber and free bloomer. Very popular for small city yards. We highly recommend it for porches, fences or outbuildings. **Price: Pkt., 5c.**



Wild Cucumber.

Smilax.

New Sweet Peas

A Grand Orchid Flowering Countess Spencer Type

THE old-fashioned varieties are now quite overshadowed by this wonderful type, which are quite distinct from the standard sorts, having large, round, open flowers of extraordinary size; usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting.

APPLE BLOSSOM SPENCER—The petals are waved and cringled to a remarkable degree. Like the original **Apple Blossom,** some flowers are deeper in color than others on the same vine, but all are most attractive and bunch well. The vigorous vines are fairly loaded with the large handsome flowers. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

ASTA OHN SPENCER—The flowers are of large size, pronouncedly fluted in the standard, with unusually large, thoroughly waved wings. The stems are particularly long and sturdy and each stem uniformly bears four flowers. The color is a **charming soft lavender,** suffused with mauve. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

AURORA SPENCER—This is an exact counterpart as to color of **Burpee's Aurora Sweet Pea.** The superbly beautiful flowers are of **really enormous size;** they are produced most profusely in threes and fours, well placed on the end of long, stiff, dark-green stems. The ground color is a cream-white, and this is exquisitely flaked and mottled with rich orange-salmon. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

BLACK KNIGHT SPENCER—This is a distinct new giant-flowered maroon or deep chocolate-colored variety that is sure to give pleasure to all who admire these rich shades. The flowers are of really immense size, perfect form and borne in magnificent sprays of three and four on very long, stiff stems. It is of robust habit and a very free bloomer. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

BLANCHE FERRY SPENCER—The popular pink and white; always reliable; fine cut flower variety. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

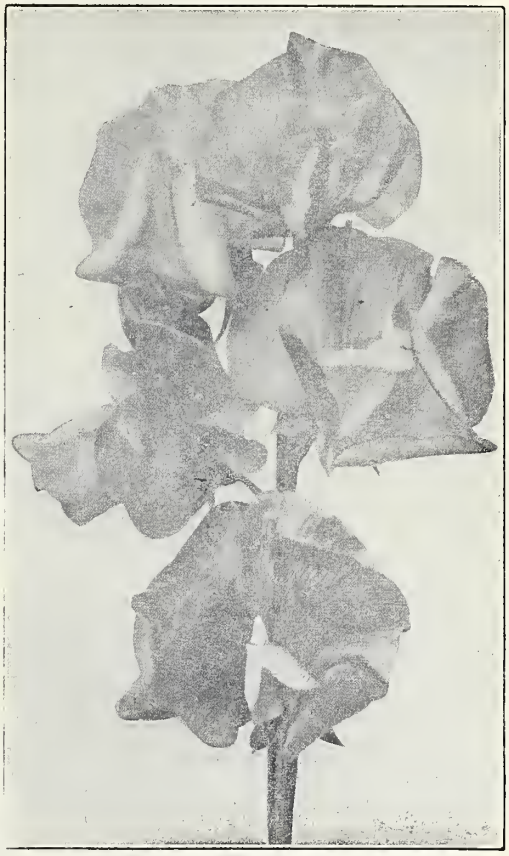
COUNTESS SPENCER—The coloring is a soft rose-pink, which deepens at the outer edge and becomes still richer or more heavily suffused in cool weather. **In size, form and coloring, COUNTESS SPENCER is simply exquisite.** The plant is a strong vigorous grower, and the large flowers are borne three and four upon long stiff stems. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

HELEN LEWIS SPENCER—This superb variety received the Certificate of the National Sweet Pea Society of England. It is a grand gigantic orchid-flowered seedling of Countess Spencer. The orange-rose wings roll and fold; the standard is reflexed, showing the distinctly fluted effect, and is of an intense rich crimson orange. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

KING EDWARD SPENCER—The standard measures from one and three-quarters to two inches across by one and one-quarter inches deep. The unusually large wings make the flowers appear **truly gigantic in size.** The standard is a deep rich carmine-scarlet of glossy effect. The wings are also carmine-scarlet and on the reverse side are of a deep rosy carmine. **Price: Pkt., 10c: Oz., 25c; ¼ Lb., $1.00.**

MRS. JOSEPH CHAMBERLAIN SPENCER—A beautiful silvery white, striped with rosy pink, making a very gorgeous effect. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

MRS. WALTER WRIGHT SPENCER—The flowers are self-colored, of a pinkish-cream tint when first opening, changing to mauve and then to a reddish violet. A very handsome and effective, one of the best varieties. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**



OTHELLO SPENCER—This beautiful new Sweet Pea is decidedly the best of all dark Spencers. The flowers are beautifully waved or crinkled both in standard and wings. The long stems are thick and carry well either three or four, fine blooms of a **rich deep maroon. It is** a strong grower and flowers most profusely. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

PRINCE OF WALES SPENCER—(Marie Corelli). A brilliant rosy-red of exceptional large size. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

PRIMROSE SPENCER—Morse's Extra select strain. The finest of its class, clear primrose color, fine large wavy standard and wings; white seeded. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

TENNANT SPENCER—This is decidedly the best of the heliotrope shades. It is self-colored in most attractive rosy purple and comes entirely true. The flowers are of large size, of fair Spencer form and gracefully carried on long stiff stems. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

WHITE SPENCER—Produces in the greatest profusion pure white flowers of truly gigantic size. It is white-seeded and the flowers are extremely beautiful. The wings are fully an inch wide and nearly as deep as the standard. The flowers are borne three and four to the stem and are uniformly well placed. The stems are extra strong and measure from twelve to fifteen inches in length. The vines are most vigorous in growth, with heavy foliage, and attain a height of eight to ten feet. They are almost completely covered with bloom, while the flowers retain their large size throughout the season. **As now "Re-selected," this is the largest and most beautiful of all white Sweet Peas. Price: Pkt., 10c; Oz., 25c; ¼ Lb., $1.00.**

Queen Alexandria

THIS is **an intense scarlet self** of grand texture **—a bold expanded flower of finest form.** It is very free flowering and the flowers are of **giant** size with long strong stems. This grand flower **does not burn** in the sun, and might be described briefly as a larger, finer **"fadeless" "Scarlet Gem." Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.**

Queen of Spain

THE flowers, of fair size, are self-colored in a delicate **peach-blossom** pink with slight apricot tinge. The color effect is a self bluff-pink, resembling that of **Countess of Latham,** but is lighter and comes **entirely true from seed. Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.**

Mrs. Alfred Watkins

FLOWERS of large size, beautifully formed and widely spreading, with the wavy or crinkled effect so much admired. Both standard and wings are a clear pink color which is suffused over the entire flower, but rather deeper and heavier at the outer edges. **Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.**

Helen Pierce

THE color is very light blue, mottled on pure white. It does not show any suggestion of stripe but is uniformly marbled or mottled. Of good size and perfect shell shape. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

Sweet Peas—Continued.

St. L. S. Co.'s Spencer Mixture

IN offering you this mixture of all the **latest** introductions, these "Spencers" include the best of the "Spencer" varieties introduced previously to this year and also entirely new shades, varying depths of lavender, light and darker blue, several shades of scarlet, beautiful pinks from extremely light to very deep and rose colored, several striped and mottled varieties, together with a few deep purple and several shades of maroon. The flowers are all of extremely large size, most beautifully frilled and waved on the standard, with well-waved wings. While the plants are vigorous in growth and the gigantic flowers are borne most profusely on long strong stems, yet like all varieties of the true "Spencer" type they are extremely shy seeders and the seed can never be produced cheaply unless this superb strain should be allowed to deteriorate. **Price: Pkt., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $2.00.**

Grandiflora Varieties and Unwin Types

THE Grandiflora Sweet Pea is a distinct advance in the development of the Sweet Pea. No modern garden is complete without this grand type. The chief characteristic of the Grandiflora Sweet Peas is their robust growth, plants frequently attaining a height of from 6 to 10 feet, requiring a foot of space in the row for each plant to fully develop. The flowers are gracefully formed; both standard and wings are larger than the standard type.

Frank Dolby

A LOVELY light lavender, the same shade as **Lady Grisel Hamilton,** but of the **Unwin type,** with bold wavy standard and widely spreading wings, beautifully fluted. **Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.**

Gladys Unwin

A BOLD flower, with striking upright standard which is crinkled and waved; broad wings. Of a lovely light pink color. **Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.**

Phyllis Unwin

THE flowers are larger in size than the original **Gladys Unwin** and similarly crinkled wavy standard with broad wings. The long stout stems carry three and four flowers each; of a beautiful rose color throughout. Comes perfectly true. **Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.**

Nora Unwin

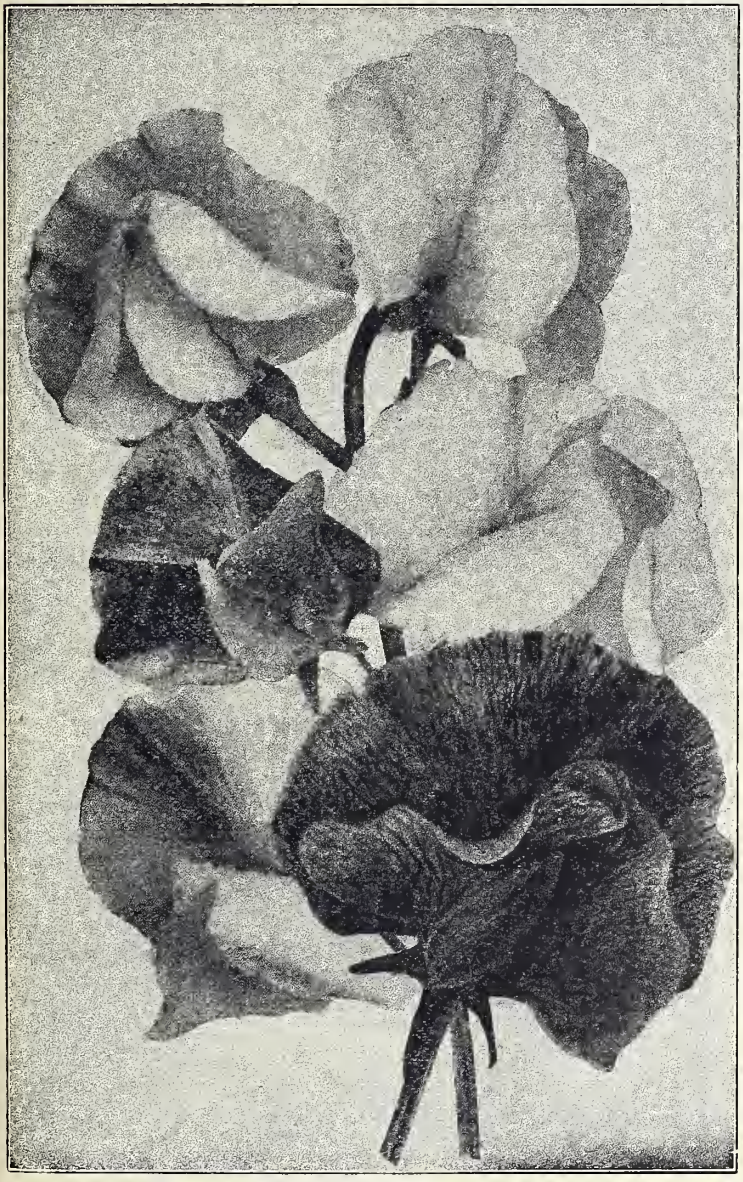
A VERY beautiful pure white variety, finely waved or fluted. The flowers are borne generally three on a stem, and while not so boldly spreading as are the flowers of **White Spencer,** the standard is distinctly erect and the wings curve in closer to the keel. Of good substance and a finely effective flower, it has been pronounced **"the next best white"** to **White Spencer** and comes true from seed. **Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.**

Seeds by Parcel Post.

We deliver any where in U. S. Postpaid all seed in Packets, Oz. and ¼ Lbs., for Lbs., Pts., Qts., See Inside Front Cover.

St. L. S. Co.'s Sweet Pea Collection

A Beautiful Sweet Pea Garden



Those Who Appreciate Lovely Sweet Peas Will be Delighted in These.

How to Grow Sweet Peas

THE soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Soils that are all heavy are best dug in the Autumn, and during the Winter months a good dressing of Sheep Manure should be given it. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends on the state of the weather as to when the seed may be sown out-of-doors; but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of St. Louis. It is best to make a trench or furrow about four inches deep, in the bottom of which sow the seed thickly. Cover the seed with about two inches of soil, pressing it down firmly. As soon as they are above ground, thin out to two to four inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened.

Sweet Pea Collection

Of Standard Varieties. Listed on Page 76.

ELEVEN (11) Packets; each Packet a separate color of the best varieties. This enables you to have all colors which you can plant as you wish. A circular is enclosed with this collection on how to plant and grow them. **Price, 25c.**

St. L. S. Co.'s "Novelty" Collection for a Beautiful Sweet Pea Garden

10 PACKETS FOR 50c. EACH PACKET A SEPARATE COLOR

WE are determined that every lover of Sweet Peas shall be given an opportunity to plant a few of the new introductions of the Spencer and Unwin types of Sweet Peas as they are so superior to the standard varieties heretofore sold. The packets in this collection if bought separately would cost you $1.00. We are making this reduction to get you to plant them. Their range of color, size and shape of flower is far superior to any offered heretofore. They are profuse bloomers and have longer stems, which make them more showy as a cut-flower. A Circular on How to Grow Sweet Peas, will be enclosed with this collection. **Price, 50c.**

Sweet Peas

Standard Varieties

NO garden is too small for a row of Sweet Peas and no estate, however extensive or magnificent; should fail to include many varieties of this most popular flower. Its long blooming season usually extends from early summer until very hot dry weather and no other climber equals it for cutting, either for use in bouquets or for table decoration. Hundreds of varieties have been offered for sale by seedsmen but owing to recent marked improvements many sorts are decidedly inferior and have been dropped from our list. In describing varieties, by "standard" is meant the wide petal at the top of the flower; the "wings" are the two petals below.

AURORA—White, magnificently flaked and striped orange. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

BLANCHE BURPEE—Of the best white. **Price: Pkt., 5c; Oz.. 15c; ¼ Lb., 50c.**

BLANCHE FERRY — The popular pink and white variety. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

COUNTESS OF RADOR, IMPROVED—Pure light lavender; wings dark mauve. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

DOROTHY ECKFORD—Fine pure white large flowers. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

KATHERINE TRACY—Bright pink; excellent. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

LADY GRISEL HAMILTON—Light lavender blue. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

MRS. GEORGE HIGGINSON, Jr.—Light blue. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

OTHELLO—Deep maroon. Elegant for bouquets. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

PRINCE OF WALES—Bright rose pink. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

THE HON. MRS. KENYON—Primrose yellow. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

Early Flowering or Christmas Varieties

EARLY Christmas varieties will produce Sweet Peas in profusion even in the open ground fully three weeks ahead of the Spencer and Grandiflora types. The plants come into flower when only twelve inches high, and in the open ground never attain a height of more than three to four feet. When grown under glass during the fall, winter, and spring, they will continue to flower continuously for from three to four months,—the vines reaching a height of from eight to ten feet.

CHRISTMAS WHITE—Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.

CHRISTMAS PINK—Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.

EARLIEST WHITE—Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.

MRS. ALEXANDER WALLACE (Lavender)—Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.

MONT BLANC (White)—Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

EARLIEST OF ALL (Pink and White)—Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.

FLORENCE DENZER—One of the best forcing pure white. **Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.**

MRS. GEO. LEWIS—A pure white waved. **Price: Pkt., 10c; Oz., 25c; ¼ Lb., 75c.**

MRS. WM. SIMS—A fine salmon pink. **Price: Pkt., 10c; Oz., 20c; ¼ Lb., 75c.**

Use Sheep Manure on Your Flower Beds

St. Louis Seed Co.'s Superb Mixed

THIS strain embraces more fine varieties than are found in Eckford's New Seedlings Mixed, and is superior. **Price: Oz., 10c; ¼ Lb., 30c, ½ Lb., 50c.**

Cupid Varieties

COMPACT, dwarf plants, 7-in. high, covering a circumference of about 18 in., covering the ground like verbenas. Fine for low beds and pot culture.

MIXED—Different colors. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 50c.**

Nasturtiums—Dwarf Varieties

FOR ease of culture, duration of bloom, brilliancy of coloring, and general excellence, nothing excels Nasturtiums. Few plants are more easily grown or remain longer in bloom than this with its large shield-shaped leaves and beautifully irregular flowers having long spurs and brilliantly colored petals. In favorable soil flowers are produced in abundance throughout the season. Seed is usually sown outdoors as soon as the weather is warm and settled, in the row where the plants are to remain. Well pulverized soil, preferably well drained and moderately rich, should be used and the seed covered with about one inch of fine soil firmly pressed down. A sunny situation is essential for free blooming. If the soil is very rich the plants give a large amount of foliage but few flowers. For earlier blooming, start indoors and transplant to the open ground after danger of frost is over. Much used for window boxes. Nasturtiums are usually free from insects of any kind.

Named Varieties

Separate Colors.

AURORA—Lovely and distinct; salmon-rose mottled blush white, garnet blotches. **Price: Pkt., 5c; Oz., 15c.**

BEAUTY—Beautiful yellow and scarlet. **Price: Pkt., 5c; Oz., 15c.**

CHAMELEON (New French)—Produces flowers of many different colors on the same plant. A magnificent variety. **Price: Pkt., 5c; Oz., 15c.**

CLOTH OF GOLD—Golden yellow foliage, light scarlet flowers. Very effective. **Price: Pkt., 5c; Oz., 15c.**

EMPRESS OF INDIA—Brilliant crimson, dark foliage. Very rich. **Price: Pkt., 5c; Oz., 15c.**

KING THEODORE—Dark scarlet maroon, dark foliage. **Price: Pkt., 5c; Oz., 15c.**

RUBY KING—Ruby Red dark leaves. **Price: Pkt., 5c; Oz., 15c.**

LADY BIRD—Orange yellow, red spots. **Price: Pkt., 5c; Oz., 15c.**

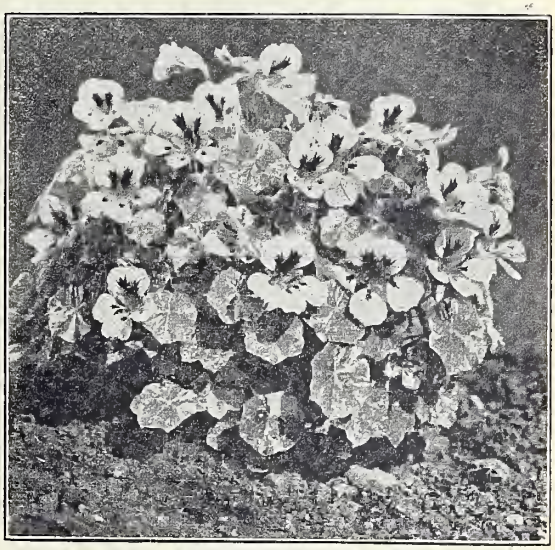
PEARL—A cream yellow. **Price: Pkt., 5c; Oz., 15c.**

REGALEANUM—Purplish violet, a handsome variety. **Price: Pkt., 5c; Oz., 15c.**

VESUVIUS—Beautiful salmon rose. **Price: Pkt., 5c; Oz., 15c.**

ROSE—A warm rose-pink. **Price: Pkt., 5c; Oz., 15c.**

PURPUREUM—Cattell's crimson. **Price: Pkt., 5c; Oz., 15c.**



Shaw's Garden Hybrids.

Shaw's Garden Hybrids

Dwarf Nasturtiums.

THE prettiest strain of Dwarf Nasturtiums Worth ten times the price of the ordinary mixed. There's really no comparison in the beauty and color of the flowers. They are larger, produced in greater profusion, with longer stems, and in colors much more varied in the hundreds of beautiful shades not found in any other mixture.

We are confident that this will become **the only** Nasturtium mixture that will be sown by all our customers. It cannot be beat. **Price: Pkt., 10c; Oz., 15c; ¼ Lb., 50c; Lb., $1.50. Postpaid.**

Gilt Edge Mixture.

ST. L. S. CO.'S

Gilt Edge Nasturtium

MIXTURE.

THIS mixture contains a variety of new and charming combinations of colors, while the brilliancy and velvety richness of the self-colored sorts have been greatly enhanced. For Summer flower-beds nothing can surpass them; the plants form perfect mounds about one foot high by one foot across. Seed sown in the open ground in the Spring will produce plants that commence blooming during the early Summer and continue until frost. **Price: Pkt., 5c; Oz., 10c; ¼ Lb., 30c; Lb., $1.00. Postpaid.**

SPECIAL OFFER

Collection 8 Large Packets, 25c
Each Packet a Separate Color.
All Dwarf Varieties.

Nasturtiums—Climbing Varieties

Tall "Ivy-Leaved" Nasturtiums

THE plants are of running growth, with star-like pointed leaves of rich green, veined with white, so that the young shoots, where the leaves are set quite closely together, have a marked resemblance to the foliage of the hardy English Ivy. The flowers are of medium size and of most distinct form. Assorted colors. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 45c.**

SPRAY YOUR SHRUBS, ROSES AND FLOWERS TO KEEP THE INSECTS OFF. ASK US.

Lobb's Climbing Sorts

(Tropaeolum Lobbianum)

THERE is little difference between these and the tall Nasturtiums. They are especially rich in the red shades, flower even freer, grow to the same height and are very desirable.

ASA GRAY—A beautiful yellow and white flower, a favorite everywhere. **Price: Pkt., 5c; Oz., 15c.**

BLACK PRINCE—One of the handsomest black climbers. **Price: Pkt., 5c; Oz., 15c.**

BRILLIANT—Dark scarlet. **Price: Pkt., 5c; Oz., 15c.**

CROWN PRINCE OF PRUSSIA—Similar to the above, only a beautiful blood red. **Price: Pkt., 5c; Oz., 15c.**

LUCIFER — Splendid scarlet, very dark. **Price: Pkt., 5c; Oz., 15c.**

MERCIER LACOMBE — Purplish violet. **Price: Pkt., 5c; Oz., 15c.**

MARGARET — Also called PRINCESS VICTORIA LOUISE —A very pretty yellow and white variety. **Price: Pkt., 5c: Oz. 15c.**

REGINA—The favorite salmon-colored variety. **Price: Pkt., 5c; Oz., 15c.**

ZANDERL-NIGRUM — Black red, dark red. **Price: Pkt., 5c; Oz., 15c.**

LOBB'S MIXED — Are unexcelled for covering fences and unsightly places; are especially free flowering, with very intense colorings. Very rapid growing form of Nasturtiums. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 35c; Lb., $1.00.**

Hybrids of Mme. Gunther

THE RICHEST STRAIN OF ALL—These new Hybrids make a strong growth, climbing about six feet and covered from Spring to Fall with large substantial flowers of the most brilliant shades. They are remarkable for their wide range of color, embracing many unknown shades. The foliage is generally dark and contrasts effectively with the rich colors of the flowers. **Price: Pkt., 5c; Oz., 15c; 2 Oz., 25c; ¼ Lb., 40c; Lb., $1.25. Postpaid.**

Tall or Climbing Varieties

(Tropaeolum Majus)

ELEGANT and luxuriant clumbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

GOLDEN-LEAVED SCARLET—Price: Pkt., 5c; Oz., 15c.

HEINEMANNII—Chocolate Colour. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c.**

KING THEODORE—The darkest of the dark-leaved variety. Very showy. **Price: Pkt., 5c; Oz., 15c.**

REGELIANUM—Purplish violet. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c.**

PRINCE HENRY—Cream, spotted and tipped scarlet. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c.**

SUNLIGHT—Flowers of superb size, ranging from primrose to deep orange, blotched crimson in the throat and on the upper petals. **Price: Pkt., 5c; Oz., 15c.**

SCHULZI—Similar to the above, only not quite so dark in color. **Price: Pkt., 5c; Oz., 15c.**

VESUVIUS—An exquisite shade of salmon. **Price: Pkt., 5c; Oz., 15c.**

VON MOLTKE—Bluish rose. **Price: Pkt., 5c; Oz., 15c; ¼ Lb., 40c.**

PEARL—Very large, buff colored, heavily blotched rosy salmon, the three upper petals penciled with crimson. **Price: Pkt., 5c; Oz., 15c.**

TALL MIXED NASTURTIUMS—A mixture which is considered the best assortment grown. **Price. Pkt., 5c; Oz., 10c; ¼ Lb., 20c; Lb., 75c. Postpaid.**

LAWN GRASSES

(Grass and Field Seed by Parcel Post See Inside Front Cover.)

ESPECIALLY ADAPTED FOR THIS LOCALITY AND WILL INSURE A FINE VELVETY LAWN

ONE LB. WILL SOW 300 SQUARE FEET. 50 LBS. TO THE ACRE.

TO insure a really fine lawn, there are several requisites; a good deepth of rich soil, properly drained; a liberal dressing of some good fertilizer; nicety of grading in the levels and slopes; a firm, smooth surface upon which to sow the seed, and a sufficient quantity of the very best lawn grass seed, suited to the situation. The latter item is of prime importance. A rich soil of good depth, and liberally fertilized, will maintain a fine greensward permanently, needing only an occasional top-dressing. Make a smooth surface with harrow and rake, and use a roller to make it firm and even before sowing the seed. After sowing, cover the seed well by raking it in, and again us the roller to finish the work.

In this latitude there is no more favorable season for sowing than the last of August or September. Sown at this time, the grass will be strong enough to winter over safely. If the seeding cannot be delayed until autumn, it should be done as early in the spring as possible, so that the young grass may be strong enough to withstand the heat of midsummer.

HAVALAWN

(Name is registered in U. S. Patent Office.)

Is procurable only from us. Every package bears our green label. No other is genuine, and we will prosecute all infringements.

HAVALAWN MIXTURE

Will insure a beautiful, compact evergreen sod on any lawn where the essential requirements of grass culture have been complied with. Its component parts are the grasses particularly adapted to lawns and door yards. It is composed of the best thriving varieties, together with the best sod-forming sorts. Timothy and orchard grass are wholly excluded on account of their coarse leaves, and only finest sorts are used. Full provision is made for a succession of growth, so that there shall be no break in the richness of the verdure from spring until autumn, and experience proves that Havalawn Grass Mixture is now perfect. Nothing can be purchased on the American market, no matter what claims may be advanced by other seedsmen. **Price: Lb., 25c; ½ Bu., (7 Lbs.), $1.75; Bu., (14 Lbs.), $3.50; 100 Lbs., $23.00.**

ST. L. S. CO.'S SHADY LAWN MIXTURE

This mixture is intended for all situations that are in partial or complete shade, and will be found invaluable on grounds lying under the shadows of trees or buildings. In preparing such places for the reception of grass seeds it is well to use air-slacked lime quite liberally. This mixture is a combination of fine dwarf-growing-evergreen varieties of grass, which grow naturally in the woods or in shaded spots. They are mixed in proper proportions to make a fine lawn under shade trees. Sow seed thickly. **Price: Lb., 30c; ½ Bu., (7 Lbs.), $2.00; Bu. (14 Lbs.), $4.00.**

Lawn Grass—Continued.

(Grass Seed by Parcel Post See Inside Front Cover.)

ALL GRASS SEED PRICES ARE SUBJECT TO MARKET CHANGES

Formation of Lawns to be Sown

ONE LB. WILL SOW 300 SQUARE FEET. 40 TO 50 LBS. TO THE ACRE.

THE ground should be thoroughly drained and well prepared, but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled in order to press the seed firmly into the soil. The proper time to sow grass seed depends, of course, upon the latitude. In this vicinity from early Spring to hot weather. Seed may also be sown in the Fall, provided it is done early enough to secure a good, strong growth before Winter sets in. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly made lawns, it may not be generally known, but many weed seeds actually lie dormant on the ground for six or seven years and will germinate and make their appearance when the soil is turned up. It requires at least 1 lb. of seed to every 300 square feet of ground, not already seeded, to give best results.

Rolling—As soon as the frost is out of the ground in the Spring, the land should be gone over with a heavy roller. Winter frosts loosen the soil, and rolling is necessary to compress it again. If grass seed is to be sown, this should be done first and the rolling immediately afterward. Roll frequently.

Mowing—All turf-forming grasses are improved, both in vigor of root-growth and in fineness of texture by frequent mowings. It is impossible to say just how often the grass should be mown, as that depends upon the rate at which it grows. Too close cutting should be guarded against, however, especially during the hot Summer months, when the roots require some top growth to protect them from the burning sun. A good top growth is also necessary to protect the roots from severe winter frosts.

To Grass a Bank or Terrace—For each square rod, take a pound of lawn-grass seed, and mix it thoroughly with 6 cubic feet of good, dry garden loam; place in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied.

Use Sheep Manure On Your Lawn and Golf Links

FANCY KENTUCKY BLUE GRASS

THIS famous grass is well known in all sections. It generally grows well on any stiff or loamy soil in Central and Northern States where rich, moist though moderately well drained. Kentucky Blue Grass is at its best in the Spring and Fall months. but being rather sensitive to heat does not grow luxuriantly during Summer. It takes a considerable time to get a good stand of this, as it grows very slowly at the start, but, when once established forms a close, compact turf, making a fine lawn. It is better to use a combination of grasses than Kentucky Blue alone, as other grasses which grow more luxuriantly at first will form the sod, but when Kentucky Blue is well established it will gradually spread over the entire plot. **Price: Lb., 20c; 7 Lbs., $1.25; Bu., $2.50; 100 Lbs., $14.00.**

GOLF LINKS MIXTURE

WE have given much attention to Grasses for Golf Courses. This Mixture is composed of foreign Grasses that thrive here, with the addition of several fine American varieties, and are the result of experiments conducted on our grounds, as well as careful watching for several years of the practical results obtained on Golf Courses sown with our Grass seeds. By the use of this Mixture, and with proper care, the finest Fair Greens and Putting Greens in the world can be successfully rivaled. If conditions are favorable, a good playing turf may be secured in eight weeks from time of sowing and will last indefinitely. **Price: Lb., 40c; 10 Lbs., $3.50; 100 Lbs., $34.00.**

PUTTING GREEN MIXTURE

A CAREFUL study of the requirements for making the most substantial turf for Putting Greens developed the mixture, herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. **Price: Lb., 40c; 10 Lbs., $3.75; 100 Lbs., $35.00.**

GOOD RESULT MIXTURE

THIS is intended for back yards, large playgrounds, etc., that are not intended to be kept cut as closely as other front lawns, and where grass is wanted quick to cover unsightly places; also for tenants who do not intend to stay long on the premises, yet want a good grass. We would advise setting the lawn mower as high as it will go in cutting this grass, and not water often, but when you do, do it in earnest, or else keep the water off. This rule should apply to all lawn grasses. Watering often burns out the grass more than you may think. The grass mixture will give value received for your time and money spent and will enable those who don't want to spend much on the lawn a chance to have plenty of green grass. **Price: Lb., 15c; ½ Bu. (7 Lbs.), 85c; Bu. (14 Lbs.), $1.70.**

RHODE ISLAND BENT GRASS

THIS is our very best grass for mixtures, being hardy, and the creeping habit of its roots, constantly adding to the size of its plant, forms the closest mat. Will stand severe rolling and constant cutting. Should be in all lawn mixtures, but on account of its very high price, is rarely used. Our seed of this valuable grass is of the highest germination and purity. **Price: Lb., 40c; 10 Lbs., $3.50; 100 Lbs., $33.00.**

WHITE OR DUTCH CLOVER

A LOW, close growing clover; round white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. It is usually better to sow with other grasses. Does well on most any soil. **Price: Per Lb., 45c; 10 Lbs., $4.25.**

Fertilizers

For Lawn, Garden, Field and House Plants

A NECESSITY TO ALL GROWING PLANTS

THE farms of our land were never in such need of fertilizing as they are today. The Government Experiment Stations have proven that with the use of fertilizer you can raise much larger and finer crops, and without drawing on the land for all its nutriment. Report shows that the Western States are "waking up" and that there has been from 500 to 1000 per cent more increase in different States in the past year in the use of fertilizers. Eastern farmers never think of sowing wheat and grasses without sowing fertilizer also, and our Western customers will soon do the same. The proper time to fertilize in St. Louis latitude is September for Fall sowing and March for Spring sowing.

Here is a Fertilizer that will satisfy those who are skeptical as to the use of Commercial Fertilizers.

Pulverized Sheep Manure

AS a top dressing for lawns there is nothing better. Promotes a steady and rapid growth in the vegetable garden. For garden and field crops. 1 to 2 tons per acre, one-half before plowing, balance before harrowing. For top dressing use 1 ton per acre—Fall or early Spring. **Price: 5 Lbs., 20c; to 10 Lbs., 35c; 25 Lbs., 75c; 50 Lbs., $1.15; 100 Lbs., $2.00; 500 Lbs., $8.50,** delivered in this city. **Special Prices on Ton Lots.**

Pulverized Hog Manure

IS without any doubt one of the most powerful fertilizers. It is especially adapted for garden use, as well as for all grain crops. Potatoes will pay big where this is used. It is prepared in such shape it can be drilled with any farm seed drill. It is free from all foul seeds and always ready to use. Why should you raise crops that fail to yield, because you could not get the kind of fertilizers you needed heretofore? But you can't say that now. The above three fertilizers are pure, and if you figure what it costs you to haul stable manure from the city you will find you can buy the above brands much cheaper and have all you want for your crops.

Ask us, when in our store (or come in and see us) about these, and look at samples and see for yourself. Try it and be convinced, as we are. **Price: 100 Lbs., $2.00; 500 Lbs., $8.50; Ton and Carload Lots at special quotations.**

Evergreen Fertilizer

THIS fertilizer contains all the plant food elements necessary to plant growth. It will annihilate all disease germs. Thus it prevents stem rot and other diseases from destroying the plants. **Price: 12 Lb. Can, $1.00.**

Shredded Cattle Manure

THIS is a high grade of Fertilizer that will fill a long-felt want, and prepared in such shape as to be easily applied by any man or boy. This, added to our Pulverized Sheep Manure, on lawns will make grass grow on most any soil. It has been tested thoroughly and found to contain just what we are all wanting. It is being used on a large scale among gardeners and farmers on all crops and they find it cheaper and better than any compost they can haul from city or barnyard on the farm. They never can get enough at the latter places. This new form will enable them to have plenty on hand to use at any time they need it. We know of gardeners buying carloads of it and our Hog Manure. A hint to the wise is sufficient. **Price: 100 Lbs., $2.00; 500 Lbs., $8.50,** delivered in city. **Ton and Car Lots at special quotations.**

Nitrate of Soda

CARRIES nothing but nitrogen (ammonia); no phosphoric acid or potash. It is highly stimulating. On grass or other vegetation it is visible in a few days after application. It produces rank growth and dark green foliage. Use at the rate of 100 to 300 lbs. per acre, in the growing season, and at no other time. It is claimed that two weeks can be gained with such things as cabbage, lettuce, onions, etc. **Price: Lb., 10c; 10 Lbs., 75c; 50 Lbs., $3.00; 100 Lbs., $5.00.**

Bone Meal

FOR top dressing to lawns, pastures and meadows; also for use in the vineyard and about fruit trees and bushes. It carries ammonia and phosphoric acid, but no potash, and may be applied at any time of the year. It keeps on feeding the soil for fully 10 months, and its effect is plainly apparent upon grass land for years. One of the safest and most economical manures. Use 400 to 600 lbs. per acre. **Price: 5 Lbs., 20c; 10 Lbs., 35c; 25 Lbs., 65c; 50 Lbs., $1.25; 100 Lbs., $2.00; 500 Lbs., $9.50.**

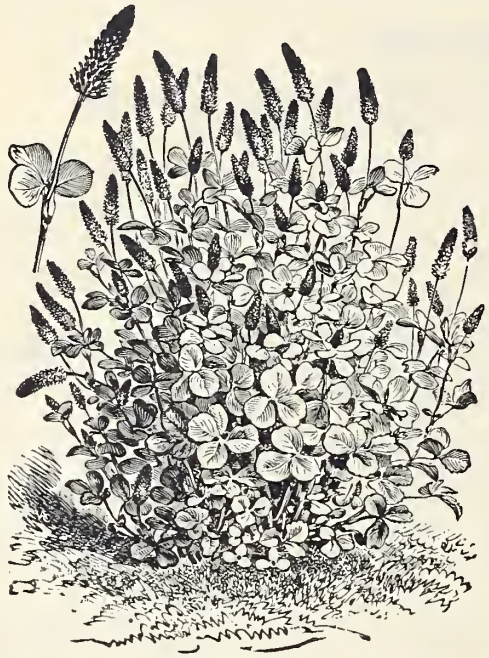
St. L. S. Co.'s Excelsior Plant Food

IT will make weak plants strong and make healthy plants have brighter flowers and prolong the period of blooming. **Price: Small Size, 10c, 15c; Large Size, 25c.**

"Bonora"

NATURE'S greatest Lawn and Plant Food. Used and endorsed by all the leading city parks in the United States, as well as all the botanical gardens throughout the land. It is the elixir of life and beauty to lawns, plants, flowers, vegetables, trees, etc., etc. A vitality producer par excellence. **Price: 1-Lb. Can, makes 28 Gallons Liquid, 50c.**

"Bonora" Comes in Dry Powder Form.



Crimson Clover.

CRIMSON CLOVER (Scarlet Clover)—This is a highly valuable variety on account of its wonderful quick growth. Sown early in Spring it furnishes a large crop of hay in May or June. It may be sown in mid-summer or early Fall as a catch crop for fine Winter pasturage and for early Spring, before other grasses or clovers are ready. For hay, it must be cut before coming into full bloom. **Price: Lb., 20c; 10 Lbs., $1.50; Bu., $7.25; 100 Lbs., $12.00.**

SWEET CLOVER (Melilotus)—Especially adapted to bees, the honey from it being as clear as a crystal. It is also recommended as a fertilizer, to be turned under when green. It is a very quick, bigorous grower. White Blossom. **Price: Lb., 35c; 10 Lbs., $3.00.**

YELLOW BLOSSOM—Price: Lb., 25c; 10 Lb., $2.75.

JAPAN CLOVER (Lespezeda)—A low spreading perennial, very valuable for dry sandy land. **Price: Lb., 45c; 10 Lbs., $3.50; 100 Lbs., $32.00.**

WHITE CLOVER—A small, creeping, perennial variety, valuable for pasturage and lawns; its flowers are well liked by bees. Flourishes in a variety of soils, but prefers moist ground. **Price: Lb., 45c; 10 Lbs., $4.25; 100 Lbs., $39.00.**

Clover Seed

(Field Seeds by Parcel Post See Inside Front Cover)

Prices are Subject to Market Changes

(60 Pounds Per Bushel.)

CLOVER can be sown in the Spring, from February to April in this locality, varying earlier or later according to other latitudes. Excellent results can also be obtained from sowing it on late snows, as with the melting of these the seed soaks into the earth about the right distance. Light grass seeds, however, sown on snows, are apt to float away and not have sufficient coverage, hence not recommended. The Summer and early Fall sowing of clover is also giving most satisfactory results, and a full crop can be cut the succeeding year when this is done.

ALFALFA CLOVER (Fancy)—The King of Forage Plants—Alfalfa is the corner-stone upon which is being built the prosperity of wide areas of our agricultural country—with its never-failing four and five crops of from six to twelve tons per acre; its great fattening qualities for horses, cattle, hogs, sheep and poultry, its drought-resisting qualities. After once being rooted, its perennity is more than two decades. This seed is selected from the best seed produced. We will be glad to send a sample to any one about to purchase. When writing for sample, state quantity of seed you wish to buy. 15 to 18 lbs., is usually sown to the acre. **Price: Lb., 25c; 10 Lbs., $2.25; Bu., $12.00; 100 Lbs., $19.00.**

ALSIKE OR SWEDISH CLOVER—A very hardy variety that succeeds on any kind of soil and resists extremes of heat and drought. It is usually planted in mixtures with grasses for pasturage and for hay; especially with timothy. It is excellent for bees. **Price: Lb., 25c; 10 Lbs., $2.40; Bu., $12.25; 100 Lbs., $20.00.**

RED CLOVER—This is regarded as the most valuable of the Clover family. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the Spring or Fall, and if no other grasses are used, at the rate of from eight to twelve pounds to the acre, according to quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It pays always to buy the best grade of Clover seed which can be obtained. Our strictly "Fancy Recleaned" grade cannot be surpassed by anyone. **Price: Lb., 25c; 10 Lbs., $2.00; Bu., $11.50; 100 Lbs., $19.00.**

MAMMOTH CLOVER (Sapling)—Grows much taller and heavier than common Red Clover. Produces an enormous yield and is of high feeding quality. **Price: Fancy recleaned, Lb., 25c; 10 Lbs., $2.40; Bu., $12.25; 100 Lbs., $20.00.**

Permanent Pasture Mixtures

FOR every different kind and condition of soil there are a large number of grasses which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early and others so late that from the beginning of Spring until Winter sets in there is no time when one species or another is not at its best. From these considerations, the importance of sowing many varieties for pasture and meadow purposes will be apparent.

PASTURE MIXTURE "A"—Good Moist Soils. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is dryer. If stock does not keep down to six or ten inches use the mower to do so. Do not pasture too closely. This is well suited for "patching" your present pasture by disking or harrowing in. **Price: Lb., 20c; 10 Lbs., $1.75; 100 Lbs., $15.00.**

PASTURE MIXTURE "B"—Dry, Hilly Uplands. Sow fifteen to twenty pounds per acre. Recommended for rolling ground, or where stones or sand in soil demand drought-resisting varieties. Plow or disk in where possible, and on unplowed, stumpy or stony ground brush thoroughly. **Price: Lb., 20c; 10 Lbs., $1.50; 100 Lbs., $15.00.**

PASTURE MIXTURE "C"—Shaded Pastures. Sow 25 to 30 pounds per acre. This is especially planned to suit the woods, which is often waste except for its timber. Get the seed on and into the ground: do not leave on top of the leaves. The more open use the more seed. **Price: Lb., 25c; 10 Lbs., $2.00; 100 Lbs., $17.00.**

Orchard Grass.

Grass Seed

(Prices Subject to Market Changes)

FOR LAWN GRASS—See pages 79-80.

TIMOTHY—(45 Lbs. per Bu.)—The best of all grasses for hay. It should be cut when in blossom, in June or July. It is preferable to sow in the Fall, but we sell almost as much seed in the early Spring and it is frequently sown then with equal success. **Price: Fancy—Bu., $4.50; 100 Lbs., $9.50.**

RED TOP—A very hardy perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. **Price: Lb., 40c; 10 Lbs., $3.50; 100 Lbs., $31.00.**

ENGLISH PERENNIAL RYE GRASS—(20 Lbs. per Bu.)—It is invaluable for perennial pastures, for hay if cut when in blossom. **Price: Lb., 15c; Bu. (20 Lbs.), $2.00; 100 Lbs., $8.00.**

Timothy.

BERMUDA GRASS—Used extensively in the South for lawns, where other lawn grasses cannot be successfully grown. Sow seed in the Spring. **Price: Lb., 75c; 10 Lbs., $7.00.**

CANADIAN BLUE GRASS (Poa Compressa)—Also called flat-stemmed poa. Flat-stalked Meadow Grass; distinctly blue in color. Grows a foot or more high and yields a great weight of hay. Highly recommended for horses, cows and sheep. Thrives well on clay. **Price: Lb., 15c; 7 Lbs., (½ Bu.), 85c; Bu. (14 Lbs.), $1.70.**

ORCHARD GRASS (Rough Cock's Foot)—(14 Lbs. per Bu.)—A rather coarse perennial grass that forms dense tufts. Flourishes best in the shade. **Price: Lb., 20c; Bu., $2.75; 100 Lbs., $18.00.**

CRESTED DOGSTAIL—A hardy grass forming a smooth, compact and lasting turf. **Price: Lb., 35c; 10 Lbs., $3.00.**

RED FESCUE—For meadows or pastures on dry, hard or sandy soils. It is very hardy. **Price: Lb., 30c; 10 Lbs., $2.50.**

HARD FESCUE—Smaller and less vigorous growth than Sheep's Fescue. It suits sandy or dry hilly soils. **Price: Lb., 25c; 10 Lbs., $2.25.**

SHEEP'S FESCUE—Fescues are being appreciated wherever introduced. This variety deserves a place in the stock pastures. **Price: Lb., 25c; 10 Lbs., $2.25.**

WOOD MEADOW GRASS (Poa nemoralis)—This grass is now classed among our good "shaped pasture grasses." It is splendidly adapted for moist, shady places. **Price: Lb., 40c; 10 Lbs. $3.50.**

Millets

(50 Lbs., to Bu.)

All Field Seed Prices Subject to Change.

HUNGARIAN—Commonly called Hungarian Grass. A quick growing, valuable forage plant. May be sown at any time during the Summer up to the middle of August. **Price: Lb., 10c; 10 Lbs., 50c; Bu., $2.50; 100 Lbs., $4.25.**

SIBERIAN—More productive than the German or Golden and of superior quality. Is superseding all other varieties in some sections. **Price: Lb., 10c; 10 Lbs., 50c; Bu., $2.50; 100 Lbs., $4.25.**

GERMAN OR GOLDEN—It is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds will harden. For hay, sow from May to August 1st. For grain, sow in drills not later than June 20th. **Fancy—Price: Lb., 10c; 10 Lbs., 50c; Bu., $2.50; 100 Lbs., $4.10.**

PEARL OR CATTAIL MILLET—Makes a splendid continuous cutting forage plant for either green feed or hay. It will grow ten to twelve feet high, but cutting can commence when it has attained a height of three to four feet, when it will stool out enormously and make a rapid growth, and it can be cut this way three or four times in a season. **Price: 1 Lb., 25c; 10 Lbs., $1.75.**

TEOSINTE—One of the most luxuriant growing forage plants introduced. In good soil and with proper cultivation it will throw up from 15 to 30 stalks on one plant to a height of from 10 to 12 feet, densely covered with foliage. **Price: 1 Lb., 75c; 5 Lbs., $3.50.**

Sudan Grass Seed

SUDAN is probably the wild original form of the cultivated sorghums. It is a tall annual grass, growing under favorable conditions to a height of 6 to 10 ft., but when broadcasted thickly, it grows from 3 to 5 feet. The stems are fine, the largest stalks seldom larger than a lead pencil. Where the plants are scattered they stool abundantly, as many as a 100 stalks coming from a single root. In general appearance Sudan grass is very much like Johnson grass, but they are entirely distinct, for Sudan Grass lacks root stocks and, therefore never becomes troublesome as a weed. The stems are leafy, erect, and seldom lodging. The grass cures easily, making hay of excellent quality, which is readily eaten by all kinds of livestock. It has been grown with marked success throughout the semi-arid regions, maturing seed even in South Dakota. It grows equally well through the humid regions, and from Maryland, southward, will ordinarily yield two cuttings of hay in a season. It is considerably earlier than the earliest Amber Sorghum, and will probably mature as far north as the Canadian line.

Growing the Crop—It may be grown either drilled, in cultivated rows, or broadcasted. If planted in cultivated rows, the rows should be as close as possible, and yet permit of easy cultivation. In thirty-inch rows, two to three pounds of seed per acre is ample; and, under conditions of very low rainfall, this method is recommended. Under humid conditions, 18-inch rows are preferable, and 5 pounds of seed per acre are sufficient. For drilling or broadcasting, 15 to 25 pounds of seed per acre, depending on rainfall, should be used. The seed should not be sown until the ground is warm, that is, about the time for planting corn. The young plant will withstand slight frosts without injury.

Harvesting the Crop—The hay is recommended that in growing for seed headed, an early cutting is especially advisable where two or more cuttings per season are expected. The grass can be cut wit a mower, but more conveniently with a binder, especially in dry regions, as the hay cures very rapidly in bundles. **Price: Lb., 50c; 10 Lbs., $4.00.**

Farm Seeds

Prices Subject to Market Changes

(Field Seed by Parcel Post See Inside Front Cover.)

Buckwheat

(52 Lbs. per Bushel.)

JAPANESE—About a week earlier than Silver Hull and yields more. It is much more productive than any other, succeeds well. The straw is heavier and it branches more. Best for bees. **Price: Pk., 50c; Bu., $1.50.**

SILVER HULL—Very good popular variety. **Price: Pk., 50c; Bu., $1.50.**

Barley

(48 Lbs. per Bushel.)

SUCCESS BEARDLESS BARLEY—Earliest variety in existence; is a heavy yielder. **Price: Lb., 10c; Pk., 50c; Bu., $1.50.**

SPRING BARLEY—A close second to the famous Beardless Barley. **Price: Lb., 10c; Pk., 50c; Bu., $1.50.**

Cane

(50 Lbs. per Bushel.)

EARLY AMBER—Farmers and stockmen say that Early Amber Cane is the most valuable fodder plant in existence. Not only is it adapted for feeding purposes, but its great qualities as a Sorghum producer is one of a paying investment, and has attracted general attention everywhere. **Price: Lb., 10c; 10 Lbs., 50c; 25 Lbs., 90c; 100 Lbs., $3.00.**

EARLY ORANGE—A variety well adapted for the South. It is from eight to ten days later than the Early Amber. **Price: Lb., 10c; 10 Lbs., 50c; 25 Lbs., 90c; 100 Lbs., $3.00.**

Kaffir Corn

ONE of the finest fodder plants, yielding two crops each season. Stalks grow to a height of five or six feet, each bearing numerous wide leaves. It is a wonderful yielder and one of the most profitable crops grown.

WHITE VARIETY—Price: Lb., 5c; 10 Lbs., 35c; 25 Lbs., 75c; 100 Lbs., $2.50.

Broom Corn

STANDARD EVERGREEN—Grows about eight to ten feet high, stands up well and is entirely free from crooked brush. The fibre is long and fine. It will not get red in the field before it is cut, but is strictly a green variety of brush. **Price: Lb., 10c; 10 Lbs., 50c.**

Peanuts

YIELD largely and are a paying crop. Planted in April, they ripen in August, and planted as late as July 1st, they will mature full crops before frost.

WHITE—Price: Lb., 15c; 10 Lbs., $1.25.

Dwarf Essex Rape

THE demand for Dwarf Essex Rape is becoming so great that it is increasing many fold each year. It is easily grown everywhere and it always gives the best satisfaction. As a forage plant for hogs, cattle or sheep it can not be surpassed. There is but one true variety, and that is Dwarf Essex and we offer you the true stock. **Price: Lb., 15c; 10 Lbs., 90c; 25 Lbs., $1.85; 100 Lbs., $6.50.**

Wild Rice

VALUABLE as a forage plant for swamps and inundated lands, but chiefly as an attraction for wild fowl, ducks, geese, etc. Sown in water which is from 6 inches to 5 feet deep, with soft mud bottom. Sow in Fall, as seed must be sown before it becomes dry. We make shipments in September only, in damp form. **Price: Lb., 40c; 10 Lbs., $3.50; 25 Lbs., $8.00; 100 Lbs., $30.00.**

Speltz

(40 Pounds per Bushel.)

OF high value for feeding and will make a fair grade of flour. Makes excellent pasturage and good hay. The grain is claimed to be much richer than corn for feeding, and of superior quality for fattening hogs, cattle, sheep, poultry, etc. Usually sown in the Spring. **Price: Pk., 40c; Bu., $1.50.**

Cow Peas

WHIPPOORWILL—The favorite early bunch-growing variety; has brown speckled seeds. **Price: Pk., 85c; Bu., $3.25.**

BLACK—Seed black. Will make an enormous growth of vine in a short time. Equal to either of the above in feeding value, and is possibly the best variety for poor soils. **Price: Pk., $1.00; Bu., $3.50.**

NEW ERA—The famous standard variety, grown extensively everywhere. **Price: Pk., 85c; Bu., $3.10.**

MIXED—We always have a supply of mixed varieties; usually a little lower in price because of this and equally valuable for soiling. **Price: Pk., 55c; Bu., $3.00.**

Canada Field Peas

QUITE distinct from Cow Peas, yet similar in valuable properties, as fertilizer, food, etc. **Price: 10 Lbs., 65c; Bu., $2.75.**

Soy Beans

HAVE been grown successfully in all sections of this country, and by many farmers are preferred to Cow Peas, both for their larger yield of beans, and the fact that they are easier to gather.

Comparatively few farmers in this section have had experience with Soy Beans, through nearly all of them have used Cow Peas. **Price: Pk., 75c; Bu., $2.75.**

Seed Rye

CHOICE—(56 Lbs. per Bu.)—If sown early in the Spring it makes an early and abundant pasture. **Price: Pk., 40c; Bu., $1.25.**

Sunflower

MAMMOTH RUSSIAN—Sunflower Seeds are superior for poultry (said to improve the meat). **Price: Lb., 10c; 25 Lbs., $2.25; 100 Lbs., $9.00.**

Vetch

WINTER OR HAIRY VETCH—Should be sown during August and September; mixed with Rye. it serves as a support for the plants, or in Spring with oats or barley. It is the earliest crop for cutting. **Price: Lb., 15c; 10 Lbs., $1.40; 25 Lbs., $3.25; 100 Lbs., $12.50.**

Flax

(56 Pounds per Bushel.)

IS one of the most productive and profitable crops and will yield you many fold the retuns from numerous other crops. **Price: Lb., 10c; 10 Lbs., 80c; 100 Lbs., $7.00.**

SEED CORN

A BUSHEL of seed corn will plant from six to eight acres. To use our seed, will cost, say thirty to forty cents an acre more than if common crib or home grown corn is planted. It is therefore evident that if our seed produces one bushel more to the acre, mind only one bushel more than the home seed, that the entire cost of the seed and freight is paid for by this extra yield. It is therefore evident that if seed corn was worth $5.00 a bushel, it would be cheaper to plant such seed than to use common corn as a gift.

PRIDE OF THE NORTH—A very early Dent variety grown everywhere. A good variety to plant late. **Price: Pk., 50c; ½ Bu., 90c; Bu., $1.75; 5 Bu., at $1.65 per Bu.**

CHAMPION EARLY WHITE PEARL—The earliest snow white Dent Corn. Grown extensively by gardeners for roasting ears. It is an immense yielding variety, and very uniform in shape, size, etc. Hence its great market demand. The ears grow very large—the cob small. **Price: Pk., 50c; ½ Bu., 90c; Bu., $1.75; 5 Bu., at $1.60 per Bu.**

REED'S YELLOW DENT—The ears are large, handsome and well filled from butt to tip. The cob is very small. It is early, sure to mature from 5 to 100 days. The stalks grow from 8 to 10 feet in height. It will produce twice the amount on poor soil than any we have ever tried. It is the ideal corn of the corn world, and is surpassed by no other 90-day corn. **Price: Pk., 65c; ½ Bu., $1.10; Bu., $2.00; 5 Bu., at $1.90 per Bu.**

GOLD BOND—Stalk grows to a height of 8 to 10 feet; ears grow 10 to 12 inches long, being very thick and uniform in appearance, with 18 to 20 rows of very deep, yellow kernels, set on a very small red cob and well filled over the tips. For high or low lands, it is the best. Do not fail to give it a trial this year. Matures in 95 days. **Price: Pk., 65c; ½ Bu., $1.10; Bu., $2.00; 5 Bu., at $1.90 per Bu.**

YELLOW CLARAGE—The grandest new Yellow Corn on the market today. We pride ourselves as being the first to produce such a wonderful variety. It is a big yielder of fine large yellow ears. The grains are deep and the cob is small. If you are looking for a corn that will make you more money than you have ever seen or planted heretofore, here is the corn that will do it. **Price: Pk., 65c; ½ Bu., $1.10; Bu., $2.00; 5 Bu., at $1.90 per Bu.**

IMPROVED LEAMING—This famous variety has probably made the corn growers throughout the United States more money than any other standard sort, in fact, it is one of the best general purpose varieties in use today. Classed as 100 to 110 days in ripening. **Price: Pk., 65c; ½ Bu., $1.10; Bu., $2.00.**

IOWA SILVER MINE—It possesses many of the characteristics which have made the Iowa Gold Mine such a favorite, except in color—being a pure white, with deep grains and small cob. Stalks grow 8 to 10 feet in height and ears set well down toward the ground. Medium early. **Price: Pk., 60c; ½ Bu., 90c; Bu., $1.75; 5 Bu., at $1.65 per Bu.**

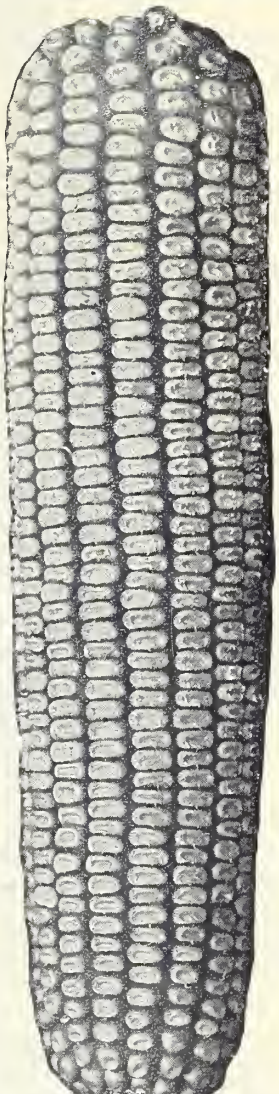
WHITE STAR—The grandest White Corn ever introduced. It has been tested thoroughly and has been admired by everyone. Our local farmers are planting heavily of it. It is a very large white ear, with deep grains on a small white cob. Many stalks produce two ears. Will yield double any corn in this market. It matures in about 100 days. **Price: Pk., 65c; ½ Bu., $1.10; Bu., $2.00; 5 Bu., at $1.90 per Bu.**

BOONE COUNTY WHITE—This Standard White Corn is too well known to need any introduction. Its mammoth ears grow 7 to 10 inches in circumference and from 10 to 12 inches in length and contains from 18 to 24 rows. Its stalk is very large, with abundance of foliage. **Price: Pk., 65c; ½ Bu., $1.10; Bu., $2.00; 5 Bu., at $1.85 per Bu.**

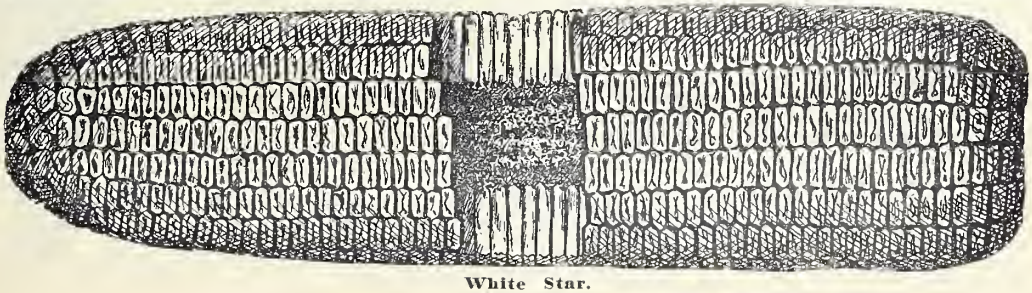
ST. CHARLES—An old, well-known white variety. Grains are pearly white, deep and set on a red cob. **Price: Pk., 50c; ½ Bu., 85c; Bu., $1.50; 5 Bu., at $1.40 per Bu.**

POP CORN, MONARCH WHITE RICE—A superior quality of Pop Corn, very sweet, tender and white after being popped. **Price: Lb., 10c; 10 Lbs., 75c.**

WHITE PEARL—Smooth grained ears. **Price: Lb., 10c; 10 Lbs., 65c.**



TRUE YELLOW CLARAGE



White Star.

St. Louis Seed Co.'s Select Seed Oats

It Costs Less to Grow Good Oats than Poor Ones. Change Your Seed Now

PRICES quoted on Field Seeds are those in effect at the time this catalogue goes to press. We will maintain these prices as long as possible, but cannot guarantee them throughout the season. All values are subject to market fluctuations and seed is offered, subject to prior sale. Order early before our stocks are exhausted.

SWEEDISH OATS (Canadian Grown)—While it is our desire to have as many of our customers as possible order a quantity of the Regenerated Swedish Oats, our regular Swedish Oats have given general satisfaction. For the benefit of these we have secured seed which is of the usual high standard. These were originally quite a late variety, made early by growing in the high altitude in which they were developed. They are an improved strain of the Swedish Oats we have been offering for several years.

The Regenerated Swedish Oats are extremely early, and in yield, far superior to the Swedish. Under ordinary growing conditions, however, a yield of fifty to seventy-five bushels is quite certain. The quality of the grain is also superior to the Swedish, the kernels being more plump, and very heavy. We recommend sowing 2 to 2½ bushels per acre depending upon the richness of the soil. These oats will do remarkably well on rich land providing a thoroughly worked seed bed is prepared and a uniform seeding is made. **Price: Bu., $1.20; 10 Bu., $1.10 per Bu.**

SILVER MINE OATS—The heads are very large in proportion to its stiff, bright, clean straw. The sprangle top heads, although long, are borne low down on the stalk, which seems to prevent lodging. The straw is valuable for feed and for bedding. As a rule, oats yield a greater profit an acre than wheat, and they are also a more reliable crop. **Price: Bu., 90c; 10 Bu., 80c per Bu.**

BLACK DIAMOND OATS—Very productive, stools heavy, stands well and succeeds in a wide range of country. **Price: Bu., 90c; 10 Bu., 80c per Bu.**

TEXAS RUST PROOF—The Ideal Rust Proof variety, grown extensively throughout the South, an immense yielder, a sure cropper. **Price: Bu., 90c; 10 Bu., 85c per Bu.**

WINTER TURF OATS—Sow in October or early November, make a good growth before Winter sets in, and can be relied upon to furnish the finest of green pasture all Winter through and a good crop of grain the next Spring. **Price: Bu., 90c; 10 to 20 Bu., at 85c; per Bu.**

Fall Winter Wheat

Prices Subject to Change
Most Productive Wheat Ever Discovered
SMOOTH HEAD VARIETIES.

THE yield of the Winter Wheat an acre is on the average very much larger than any of the Spring Wheats, Winter Wheat has not been extensively grown in Minnesota and the Dakotas until recent years, on account of its inability to withstand the severe Winters.

NEW PROSPERITY—Its mammoth record yield of 45 bushels per acre famed it as the world's leader. Our New Prosperity is a smooth, strong healthy wheat and is seldom troubled with insects that affect other wheats. The straw is very long with big, full solid heads. In fact, it is the wheat that will make any man dollars. **Price: Bu., $1.50; 10 Bu., $1.45 per Bu.**

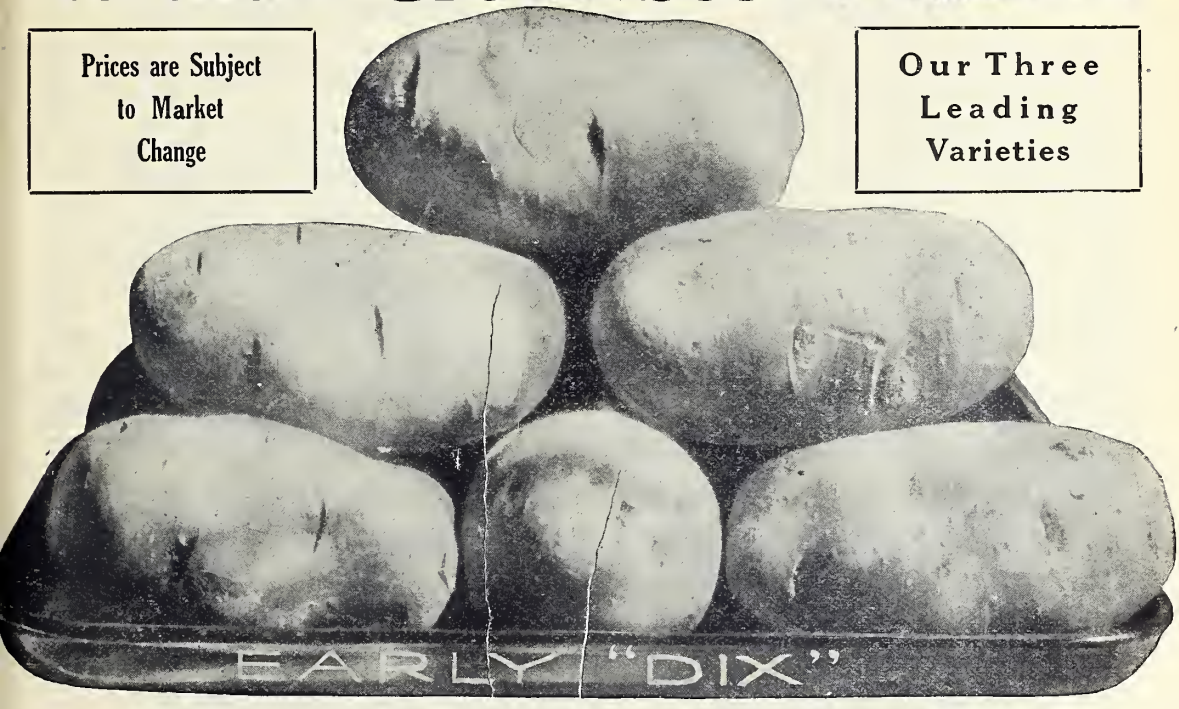
FULTZ'S MEDITERRANEAN—This is the best Blue Stem Wheat of which we have knowledge. It has given an average yield for the last 13 years, through favorable and unfavorable seasons, of 36 bushels an acre. As the wheat ripens, the stem and straw assume a beautiful golden-yellow hue, and entirely free from rust. This variety has no beards and is especially adapted to the older wheat-growing sections of the Northwest. The kernel is of the hard variety; very productive. **Price: Bu., $1.50; 10 Bu., $1.40 per Bu.**

PEDIGREE FULTZ—A standard variety. Does well in some localities, but cannot compare with newer kinds now offered. **Price: Pk., 50c; ½ Bu., 85c; Bu., $1.50; 10 Bu., at $1.40 per Bu.**

Northern Grown Seed Potatoes

Prices are Subject to Market Change

Our Three Leading Varieties



(Potatoes By Parcel Post See Inside Front Cover.)

Irish Cobbler

A FINE EARLY WHITE POTATO

THIS has become one of the general favorites in all localities for early as well as late planting. When it was first sent out it was not claimed to be particularly early, but extensive growing in this locality proves that it is fully as early as the early Rose. The tubers are round in shape, eyes somewhat deep, and tubers of both fine appearance and quality. **Price: ½ Pk., 25c; Pk., 40c; Bu., $1.40.**

Big Buster

THE finest late potato in existence. Its make-up is of the most handsome type and as a main crop it will prove itself supreme. It is of large size, white skin, eyes shallow, very white inside, dry and mealy. Its yielding qualities are far ahead of any on the market today. Why people will plant old, worn-out varieties, when they can get such new ones as these, is a mystery to us. We have only a limited supply this season. **Price: ½ Pk., 25c; Pk., 50c; Bu., $1.50.**

Snow Flake

THE tubers are of a good medium and uniform size, elongated oval, compressed, exceedingly symmetrical and remarkably uniform. Its mealiness, its pure, delicate flavor, and the evenness with which it cooks through have never been eclipsed by any potato. **Price: ½ Pk., 25c; Pk., 50c; Bu., $1.75.**

Early "Dix" Potato

THE Pride of the "Red River Valley." We offer it to you now as "The Earliest Potato Grown." We are ready to stake our reputation that you will say so, too, when you have tried it. It is of the most uniform growth ever known. It is earlier than the famous Early Ohio. It is better as a yielder, and has no yellow or black core. Its tops are of an upright growth, bush form. Its skin is of a light red-pinkish color; its eyes are very shallow, and many; its dry and mealy nature is supreme. **Price: ½ Pk., 25c; Pk., 50c; Bu., $1.75.**

Up-to-Date

A MEALY, white, dry, flowery meat that is irresistible. A striking characteristic of this new Irish beauty is its productiveness. We will say right here that it will yield more potatoes by far on the same amount of ground than any other late sort you ever saw except **Big Buster.** We will back this statement by saying that it will be the most beautiful and of uniform size. **Price: ½ Pk., 25c; Pk., 50c; Bu., $1.60.**

Concaved Seed Potato Knife

In our new **Concaved and Carved Seed Potato Knife** we not only offer you a knife that is good for planting season, but as a household article for peeling apples, potatoes, etc. **Price: Each, 35c.**

PRICES ARE SUBJECT TO CHANGE ON ALL POTATOES

Potatoes

EARLY OHIO—Northern-grown in the Red River Valley. Much need not be said of this great potato. Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety. **Price: Pkt., 40c; Bu., $1.25; 10 Bu. at $1.15.**

BLISS' RED TRIUMPH—Extremely prolific and a full week in advance of Early Rose. Color, a beautiful light red. Size, medium. Growth, very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. This potato is in exceedingly high favor with Southern market gardeners and truckers, and is shipped to the Northern markets. **Price: Pk., 40c; Bu., $1.40.**

EARLY ROSE—No introduction is necessary for this standard productive variety. For earliness, goodness of quality and a No. 1 market sort, it stands in the top rank. **Price: Pk., 40c; Bu., $1.25.**

CARMEN No. 3—This great potato was originated by Mr. E. S. Carmen and is different from other famous varieties. It has but few eyes, which are very hollow. Skin and flesh extremely white. **Price: Pk., 40c; Bu., $1.20; 10 Bu., $1.10.**

RURAL NEW YORK No. 2—This famous late sort we concede as one of the best of the well-known varieties. **Price: Pk., 40c; Bu., $1.20; 10 Bu. at $1.10.**

Sweet Potatoes

WHITE SOUTHERN QUEEN—These are the large "Yams," the famous Sweet Potatoes that are so popular in the South. Even the seed potatoes are monster size, often weighing several pounds each; the gardener's favorite. **Price: Pk., 50c; ½ Bu., 90c; Bu., $1.60.**

EARLY YELLOW NANSEMOND—This potato is like the above, but averaging longer and not so chunky, very sweet, and an ideal home or market sort. **Price: Pk., 50c; ½ Bu., 90c; Bu., $1.50.**

EARLY RED NANSEMOND—Similar to our Yellow Nansemond, only being of a red color, which many people prefer in preference to the yellow; very productive. **Price: Pk., 50c; ½ Bu., 90c; Bu., $1.50.**

RED BERMUDA—One of the most popular varieties in existence, being of a very large and solid nature, yielding heavier than any other sort. **Price: Pk., 60c; ½ Bu., $1.00; Bu., $1.75.**

SWEET POTATO PLANTS—Ready May 15th—Price subject to change.

Any of the varieties listed on this page. **Price: 100, 45c; 1000, $3.50.**

IMPORTANT—If you want to raise a big crop of POTATOES, be sure to use our Pulverized Hog Manure. It will pay to drill same in row before planting. It is absolutely pure. **See page 81.**

The Improved German Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REG'D DEC. 6, 1898 NO. 32,212

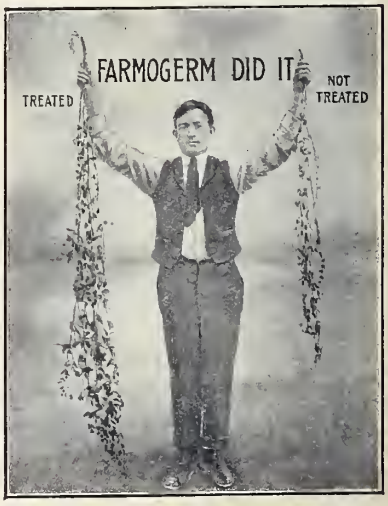
PURE CULTURE

THE SIMPLEST SAFEST AND SUREST SYSTEM OF SOIL INOCULATION FOR ALL LEGUMES

Clover, Alfalfa, Soy Beans, Cow Peas, Vetch, Field Peas, Field Beans, Garden Peas and Beans, etc., make the best growth when the bacteria or germ that Nature has associated with them are present in the soil. These germs, or bacteria, help these plants to absorb free nitrogen from the air, which they store in nodules or knots on the roots. This nitrogen not only feeds the growing plant but helps the following crop.

"Nitragin" Pure Culture is easy to use. Simply mix with water and spread on the seed. As soon as seed is dry, plant as usual. A boy can do it—it's ten minutes work.

Garden Size, weight ½ Lb.	**$1.00**	**Per can**
Acre Size, 1 lb.	**2.00**	**" "**
5-Acre Size, 5 lbs.	**9.00**	**" "**



The Standard Inoculation

FARMOGERM

High-Bred Nitrogen Gathering Bacteria.

THE growing of legume crops for soil-enrichment is advocated by Agricultural Experts and Experiment Stations everywhere. The great fertilizer value of legumes depends entirely upon perfect inoculation. You can secure satisfactory results only by the use of Farmogerm inoculation, which has been practically tested for years and its efficiency proven and recognized the world over. Not only will the crops be larger and richer but the soil will be plentifully supplied with nitrates for the next year's crops.

Regular Farm Size or 5-Acre, $6.50; Farm Trial Size or 1-Acre, $2.00; Garden Size or ¼-Acre, 50c.

Insecticides, Fungicides and Remedies

For All Plant Diseases, Garden and Animal Insects

(Items on this Page Sent by Express Only except Aphis Punk and Slug Shot. See Inside Front Cover.)

Save Your Crops by Spraying With our Insecticide

APHINE—Destroys green, black and white fly, red spider, thrips, mealy bug, brown and white scale, slugs and all soft-bodied insects most effectively, and without injury to foliage or flower. **Price: ½ Pt., 40c; Pt., 65c; Qt., $1.00; Gal., $2.50.**

Fungine

AN infallible fungicide for destroying mildew, rust, bench rot and other fungi. Apart from its general effectiveness, an important merit is that it does not stain the foliage. It is a clean, safe and easily applied remedy. **Price: Pt., 40c; Qt., 75c; Gal., $2.00.**

ARSENATE OF LEAD PASTE—The best of all arsenical insecticides; does not burn the foliage, and as it shows white you can tell just what has been sprayed; sticks well to the foliage and is sure death to all leaf-eating insects. Apply at rate of 1 oz. to 1 Gallon. **Price: Lb., 25c; 5 Lbs., 90c; 10 Lbs., $1.50; 50 Lbs., $5.00; 100 Lbs., $9.50.**

BORDEAUX—Arsenate of Lead Mixture Paste—A combined Fungicide and Insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers; also splendid for Roses, keeping them free of mildew, black spots and insects of all sorts. Three Ozs. to 1 Gal. of water. Apply as a spray. **Price: 1 Lb., 25c; 5 Lbs., 90c; 10 Lbs., $1.50; 100 Lbs., $9.50.**

BORDEAUX MIXTURE PASTE—For all fungus diseases. By adding water it is ready for use. Ten Lbs. will make one barrel liquid. **Price: Lb., 20c; 5 Lbs., 80c; 10 Lbs., $1.40.**

FLOWER OF SULPHUR—For mildew. **Price: 1 Lb., 10c; 10 Lbs., 60c; 25 Lbs., $1.00.**

TOBACCO DUST—Price: Cartons, 10c; 5 Lbs., 30c; 10 Lbs., 50c; 100 Lbs., $1.75.

HELLEBORE POWDERED—Price: ¼ Lb., 15c; ½ Lb., 25c; Lb., 50c.

BUG DEATH—Is ideal for use on Potato, Squash, Cucumber, Currant, Gooseberry and Tomato Plants and Vines; for House Plants. Kills the Bugs WITHOUT injuring or destroying the most delicate Plant, Vine or Leaf. It contains no Paris Green or other Arsenical Poisons. It is very fine, tenacious powder THAT STICKS. **Price: 1 Lb., 15c; 3 Lbs., 35c; 5 Lbs., 50c.**

PARIS GREEN—Price: ¼ Lb., 10c; ½ Lb., 20c; Lb., 35c; 5 Lbs., $1.25.

Scale Destroyers

TARGET BRAND SCALE DESTROYER—This we consider the most effective scale destroyer on the market today. Specially good for lawn trees and hedges, as it will not stain. Mixes perfectly with water. Use during dormant period. Dilute with 15 to 20 parts of water. Apply with spray pump. **Price: Qt. can, 35c; Gal., $1.00; 5 Gal., $3.25; 50 Gal. Bbl., $25.00.**

LIME SULPHUR SOLUTION—A perfect Scale and Fungus Destroyer; special for Plum and Peach Trees, which need Fall and Spring treatment; cures Peach leaf curl. Use during dormant period. Protect the hands with gloves when applying. Dilute with 10 parts of water. Apply with spray pump. **Price: Qt., 25c; Gal., 75c; 5 Gal., $2.50; 50 Gal. Bbl., $10.00.**

NIKOTEEN (30 Per Cent Strength for Spraying)—Strongest, purest and most economical. Death to Aphis or Green Fly, Spider, Mealy Bug, Thrip and many other forms of Flower, Fruit and Vegetable Lice. **Price: Small Bottle, 25 and 50c; 8 Oz., 85c; 1 Lb., Bottle, $1.50.**

ROSE NICOTINE—A very powerful and highly concentrated insect and parasite destroyer. **Price: Medium size, 25c; larger size, 50c.**

APHIS PUNK (40 Per Cent Strength, for Fumigating)—Specially prepared for Greenhouses and Conservatories. It vaporizes the nicotine economically and evenly. Nothing keeps a house free from Aphis, Thrip and other plant parasites so thoroughly and cheaply. **Price: Box of 12 rolls, 60c; 1 case, 12 boxes, $6.50.**

BORER OIL—A few drops of this oil squirted into the tunnels made by Round or Flat Head Tree Borers (see page 14) will usually stop their work. An ordinary oil can is just the thing for applying. When you see the fine sawdust signs for borers at the tree butt, start at once to exterminate the sawdust maker or he will quickly extermine your trees. **Prices: 1 Pt. cans, 25c; mailing weight 2 Lbs.**

SLUGSHOT—A light, composite, fine powder, easily distributed either by duster, bellows, or in water by spraying. Thoroughly reliable in killing Currant Worms. Potato Bugs, Cabbage Worms, Chicken Lice, Slugs, Sow Bugs, etc., and it is also strongly impregnated with fungicides. **Prices: Cartons, 15c; 5-Lb. package, 35c; Bbls., in bulk, 250 Lbs., $12.00.**

HAMMOND'S GRAPE DUST—Avoids mildew on Roses, Grapes, Gooseberries, etc., **Price: 5-Lb. Packages, 35c.**

Spray Your Shrubs, Roses and Flowers to Keep the Insects Off—ASK US.

Insecticides—Continued.

Conkey's Fly Knocker

THIS marvelous Fly Spray is the best preparation made for keeping all kinds of flies, mosquitoes and other insects from annoying your stock. It is not poisonous and will not harm the animal in any way. **Price: Qt. can, 35c; Gal., $1.00; 5 Gal., $4.00.**

Conkey's Nox-I-Cide

(Formerly Taroline)

THE greatest disinfectant and germ destroyer known. One gallon makes 101 gallons when properly mixed with water for use. **Price: Pt., 35c; Qt., 60c; 2 Qts., 90c; Gal., $1.50.**

Weed Killer

DESTROYS Weeds, Grass, Poison Ivy, Sumac, and all kinds of undesirable vegetation. An application of this will keep drives, walks and tennis courts absolutely free from vegetable growth of any kind, thus doing away with repeated labor of hoeing and weeding. One part to 49 parts of water. **Price: Qt., 40c; Gal., $1.00; 5 Gal., $4.00.**

Fir Tree Oil Soap

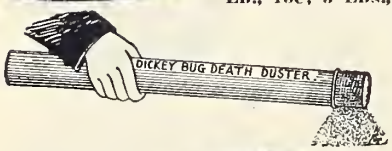
A POPULAR insecticide; it frees plant of nearly all insects. Mealy bug, scale, red spider, aphis, thrip, blight, worms and slugs. An ounce makes 1 gallon. **Price: ½ Lb., tin, 25c.**

Sulpho Tobacco Soap

KILLS all insect life in the window, garden or conservatory. **Price: Small cake, 10c; Large cake, 20c.**

Fish Oil Soap

USED during the summer as a wash, thus preventing the spread of scale. **Price: Lb., 15c; 5 Lbs., 60c.**



Kalsomine

FOR white-washing Chicken Houses. **Price: 5 Lb. Pkg., 25c.**

Gopher Killer

FOR exterminating Prairie Dogs, Ground Squirrels, Gophers and all burrowing animals. **Price: Qt., 75c.**

Tree Tanglefoot

THIS spread around the trunk of a tree, about 4 inches wide will remain for three months in a sticky condition and will prevent any creeping insects from climbing the tree. Put up in paste form. It should be put on every tree in the city. **Price: Lb. cans, 30c; 3 Lbs., 85c; 10 Lbs., $2.65; 20 Lbs., $5.00.**

Schilling's Roach and Ant Powder

KILLS all bugs, roaches, ants and other insects. Harmless to use anywhere; will not injure floors, etc. **Price: Pkgs., 25c and 50c.**

Ratmum

IS a positive vermin exterminator. A prompt and efficient poison with embalming chemicals that saturate the flesh and tissues of rats, mice and other pests so they dry up without the stench that follows the use of ordinary poisons. **Price: Pkg., 15c; 2 Pkgs., 25c.**

Azoa

AZOA is the virus of a disease peculiar to rats and mice. In a majority of cases, inoculation will produce this disease, and consequently destroy the pests. **Price: Pkg., 75c.**

Rat Corn

No Odors or Smells

IT mumifies them. No matter where they die, they simply DRY UP. Positively do not smell.

Rat Corn is a new and scientific discovery, and without a doubt the greatest rat destroyer in the world; the only one that kills rats without any bad, dangerous or disagreeable effects.

A trial will convince you. **Price: 15c, 25c, 50c and $1.00 Per Can.**

Cut Worm Food

A SWEETENED poisoned compound alluring and palatable to cut worms, cabbage worms, etc., in consequence when sprinkled around such newly set plants as are usually "cut off" by these depredators, they feast on cut worm food and are destroyed. One pound is sufficient for about 100 plants. **Price: 1 Lb., 25c.**

Borowax

A COMPLETE protection against tree borers if applied in accordance with instructions, armorplates the tree at the point where the moth deposits its eggs and thus renders it immune to further infestation for several years. Quantity required: ½ pint to a pint to a tree according to size. **Price: Per Qt., 35c.**

Tree Paint

PINE TAR—A specially prepared thick paint. Junst the thing to use after pruning your trees. **Price: 1 Pt., 15c; 1 Qt., 25c; 1 Gal., 60c.**

Slug Shot Duster and Bellows

DUSTERS—Perforated bottom. **Price: ½ Gal., Size, 30c; Gal., 45c.**
BELLOWS—For applying slug shot, grape dust, etc. **Price: Small Size, $1.50; Large Size, $2.25.** (See cut).

Bug Death Duster

VERY light and easy to handle, will not clog, can use any powder in it. **Price: Each, 25c.** (See cut.)

Jumbo Dry Powder Gun

Used mostly indoors, a very useful article. **Price: 25c;** (See cut.)

Sprayers That Spray

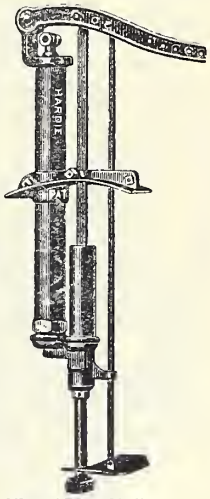
The "Hardie" Barrel Pump

Little Giant

THE accompanying cut shows one of the "Hardie" Pumps ready to mount on a barrel or other receptacle for liquid. The plunger, suction and discharge tubes are of heavy seamless brass. The base or body of the pump is a brass casting. The valves are brass balls contained in a brass cage.

The materials used in this pump will not be affected with any chemical used for spraying. Copper, sulphate, or sulphur, lime and salt can be used without harming the pump in the least.

The "Hardie" has no stuffing boxes, leather or rubber washers to give trouble. Will fit either side or end of barrel: 12½ ft. 5-ply guaranteed hose, Vermorel or Bordeaux nozzle, also coupling for two leads of discharge hose. **Price: Complete, $13.00.**



The "Hardie" Barrel Pump.

Myers' Perfect Double-Acting Barrel Spray Pumps

No. 324.

IMPROVED BRASS BARREL SPRAYER NO. 305½—So constructed that the cylinders are entirely submerged in the liquid. It fastens to the chine of any good barrel. Is fitted with one discharge hose, 5-ply, 15 feet long, graduated Vermorel nozzle and agitator, which keeps the liquid well mixed. **Price, $8.00.** No. 305 same as 305½ without mechanical agitator, $7.00.

306 same as 305 except that it has 2 discharge hose and two Vermorel nozzles. **Price: Each, $10.00.**

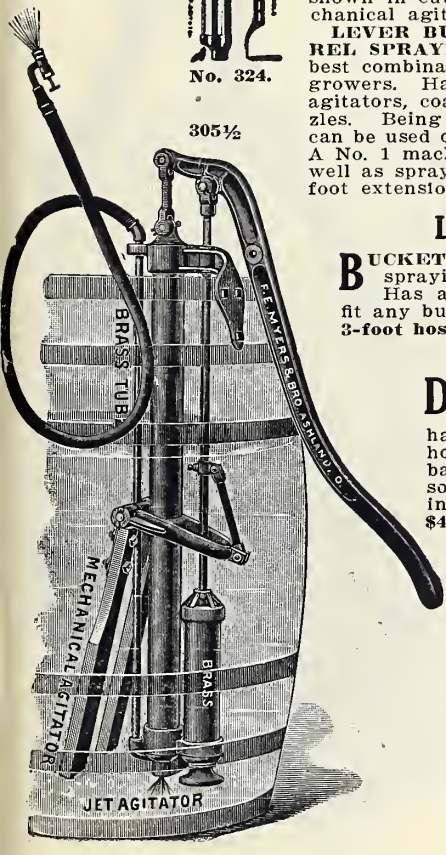
EXTENSION PIPES—Iron, 8-foot lengths. Each, 45c.

BAMBOO RODS—8 feet long. **Price: Each, $2.00; with stop-cock, $2.75.**

MYER'S R305B—Same as 305 except it has a cog gear in upper end of handle, as shown in cut. **Price: Each, $8.00;** with mechanical agitator, **$9.00.**

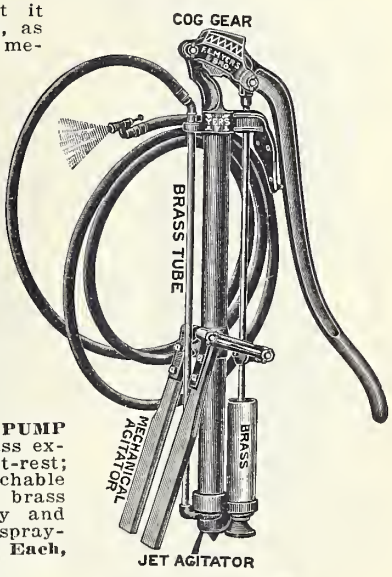
LEVER BUCKET PUMP AND BARREL SPRAYER NO. 324—This is the best combination made for small fruit growers. Has brass cylinders, patent agitators, coarse and fine stream nozzles. Being a combination pump it can be used on a barrel or in a bucket. A No. 1 machine for whitewashing as well as spraying. **Price: $4.00;** with 8-foot extension pipe. **$4.45. (See cut).**

305½



Little Giant

BUCKET SPRAY PUMP — For spraying and whitewashing. Has an adjustable foot-rest to fit any bucket or tub. **Price: With 3-foot hose, $3.00. (See cut).**



JET AGITATOR

Defiance

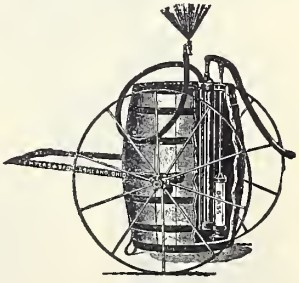
DOUBLE-ACTING BUCKET PUMP —Is made entirely of brass except the handle and foot-rest; has patent agitator, detachable hose, hemp packed plunger, brass ball valves, 2 nozzles, spray and solid stream; can be used for spraying or whitewashing. **Price: Each, $4.00.**

Ideal

HERE is a sprayer that is indispensible, having wheel and handles attached to push it around in the orchard or lawn or poultry houses. For spraying and whitewashing, has 12-foot hose with nozzle. **Price: $17.50.**

Barrell Cart

ALL steel, 36-in. wheels 3-in. tire, ready to attach to a barrel. No legs to shut up. Always ready; best made (Without barrel). **Price: $6.00.**



Barrel Cart.

Sprayers—Continued.

"Auto" Compressed Air Sprayer

THE AUTO SPRAY NO. 1 is one of the best on the market. It is very strong and practical. When properly charged contains three gallons of solution and one gallon of compressed air. Ten to twelve strokes of the plunger will compress the air and two pumpings will empty the entire contents.

AUTO-SPRAY NO. 1C—Galvanized Reservoir, Stop Cock. **Price: $4.50.**

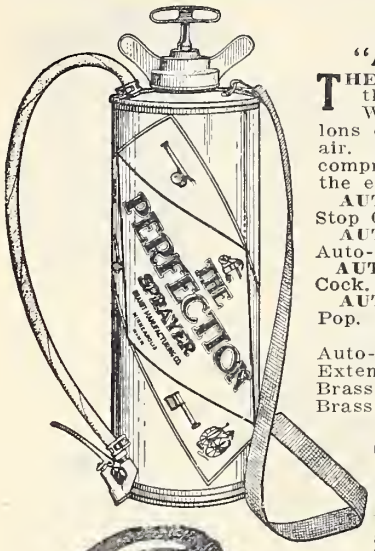
AUTO-SPRAY NO. 1D—Galvanized Reservoir, Auto-Pop. **Price: $4.95.**

AUTO-SPRAY NO. 1A—Brass Reservoir Stop Cock. **Price: $6.75.**

AUTO-Spray No. 1B—Brass Reservoir, Auto-Pop. **Price: $7.20.**

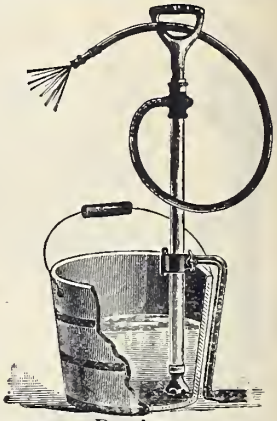
EXTRAS FOR AUTO.

Auto-Pop Nozzles	$1.35
Extension Pipe, brass, 2-foot length	.50
Brass Elbow Extension	.30
Brass Strainer for Straining solutions	.90



"Perfection" Sprayer

THE best compressed air sprayer made; strongest, simplest and throws either a fine mist or coarse spray. Will handle all spraying mixtures as well as Whitewash, Paints, etc. Galvanized, with automatic shut-off nozzle. **Price: Each, $4.50. All brass as above, Each, $6.50.**


Deming.

Lowell Sprayers

THE LOWELL FOUNTAIN COMPRESSED AIR SPRAYER—Is well adapted for the fruit grower, farmer, stockman, poultryman, florist, and for use of general disinfectants.

Tree attachment and funnel, for filling, with brass wire strainer with each machine. Strongest Air Pressure Sprayer made—will stand five times the air pressure necessary to operate. Convex heads, seamed and soldered. Capacity of tank, 3 Gallons. Handy to carry; shoulder strap with each machine.

No. 110—Galvanized Steel, Aluminum Finish. **Price: $5.50.**

No. 111—Brass, polished and lacquered. **Price: $6.50.**

Auto Sprayer With Pat. Attach.

'Brandt's Barrel Spray

MADE for orchards where the trees are large and a great quantity of liquid is to be handled. They are extremely large chambers which insure a uniform pressure at the nozzle, large cylinders which give great capacity, and removable ball valves which enables the user to keep pump in good working condition without taking it apart. No. 4 has 1¾-in. cylinder; 2-in. air chamber and fastens to chime of barrel. **Price: No. 4, $8.00.**

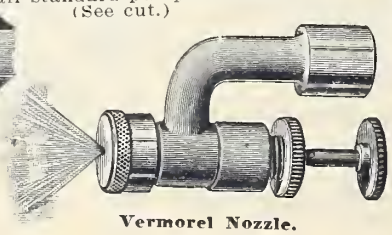
No. 5 Brandt.

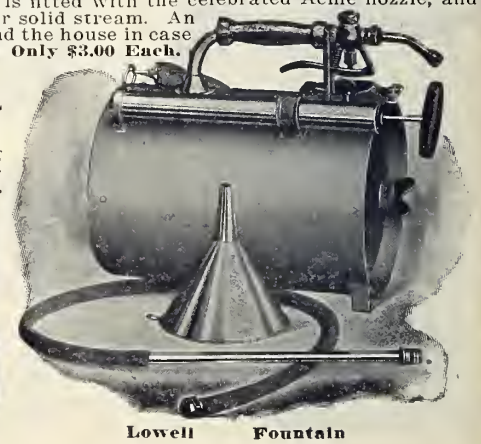
DEMING No. 669 SPRAY PUMP—For greenhouse, garden use, washing windows or buggies. It is fitted with the celebrated Acme nozzle, and will throw a fine spray or solid stream. An ideal pump to have around the house in case of fire. (See cut.) **Price Only $3.00 Each.**

SINGLE VERMOREL NOZZLE—(See cut.) **Single Spray: 75c.**

BORDEAUX NOZZLE—For spraying whitewash it cannot be surpassed. Unclogs itself when cock handle is turned. Fits all standard pumps. **Price: 75c:** (See cut.)

Bordeaux Nozzle.


Vermorel Nozzle.


Lowell Fountain

Sprayers—Continued.

Lightning Sprayer

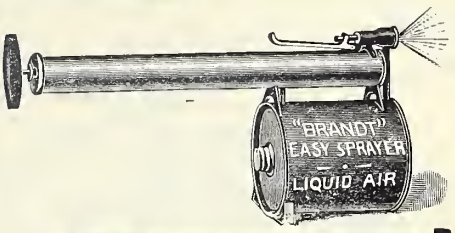
WE consider the best, and fully equal to the more expensive machines for this purpose.

No. 3—All tin. 1 Qt. size. **Price: 50c Each.**

Lightning No. 3.

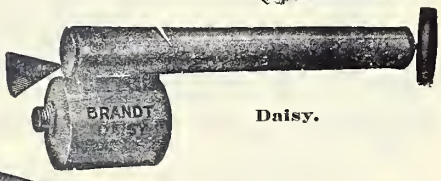
Our "Easy" Sprayer

THE "Easy" Sprayer is made with either brass or galvanized tank, and is designed for those who want a smaller Sprayer. It works on the same principle as our larger Sprayers. Is equipped with automatic shut-off nozzle. Capacity, 1 Gallon. Weight, 3 Lbs. An ideal size for small gardens, green houses, etc. **Price: Each, $2.00.** (See cut.)



Daisy

DOUBLE acting Sprays, both ways of stroke; nothing better. This is one of the most convenient outfits for general use. As an all-round utility Sprayer it cannot be beaten. It is particularly adapted for both the garden and greenhouse, as well as for spraying live stock. **Price: Heavy Tin, 75c; Heavy Brass, $1.00.**

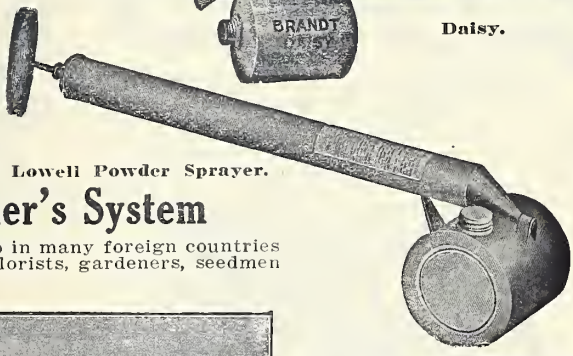


Daisy.

Lowell Blow Powder Sprayer

IN some sections potato growers, stock and poultry raisers prefer to use Paris Green and disinfectants in powder form mixed with dry plaster. To meet such a demand the "Blow" Sprayer is recommended.

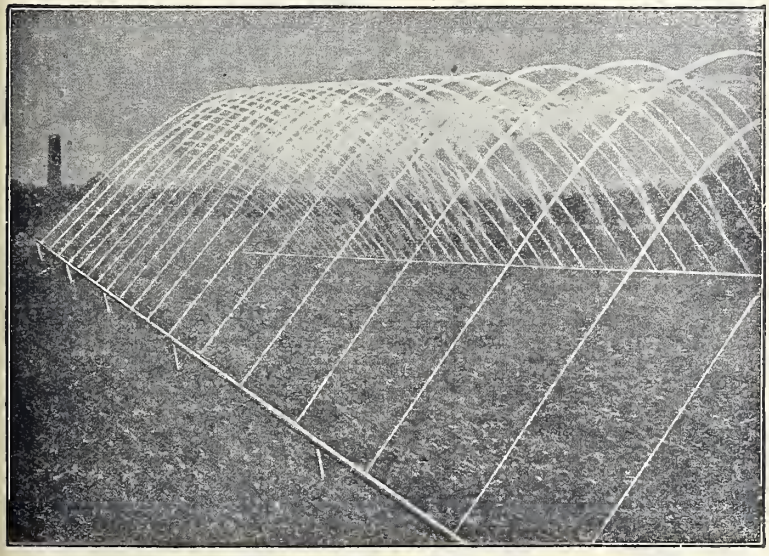
The powder can holds one quart, and the Sprayer is finished in aluminum giving same an attractive appearance. **Price: 65c.**



Lowell Powder Sprayer.

Irrigation Skinner's System

IS used throughout the United States, and also in many foreign countries and has proven successful everywhere. Florists, gardeners, seedmen and nurserymen are all using them.



Installation of the Skinner System

THE Skinner System will give better results than any other system of irrigation for market-gardeners, florists and truckers.

Install your nozzle line about 40 feet apart and drill holes for No. 2 out-door nozzles 30 inches apart and always use the Skinner Union for same will catch any dirt which may accumulate in the water.

We do not furnish the pipe, get same at your nearest dealer. Always use galvanized pipe with the Skinner System.

OUTDOOR NOZZLES—Suited for all outdoor irrigation and will throw water from 25 to 30 feet. **Price: Each, 5c; $5.00 per 100.**

GREENHOUSE NOZZLES — Price: Each, 7½c; $7.50 per 100.

No. 2 HANGER—Suitable for inserting in top of upright pipe of ¾ or 1 in. diameter. Will carry pipe of from ¾ to 2 in. diameter. **Price: Each, 20c; $20.00, per 100.**

Skinner Drilling Machine

THIS machine is absolutely necessary to properly install the Skinner System of irrigation.

With it is shipped one level, six tap drills, and one nozzle wrench. **Price: $10.00.** Extra tap drills can be furnished for **15c each.**

KEYES for Nozzles—Each 10c.

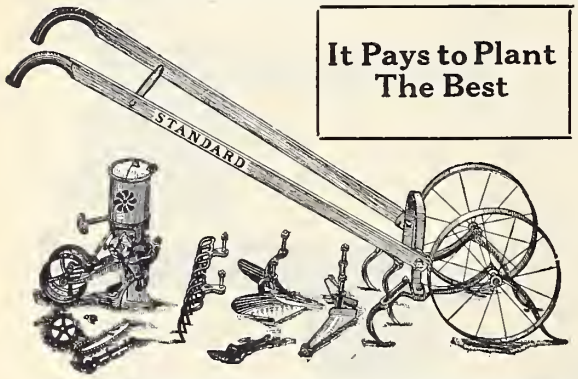
Skinner Unions

THESE unions should be placed at the head of each nozzle line. They permit of the easy rotation of the nozzle line, without leakage, and they are equipped with a filter, which can be easily cleaned by removing a cap at the end of the handle, and turning on the water, allowing it to pass around the filter and out through the handle. **Price: 1 in. Each, $1.80.**

Farm and Garden Implements

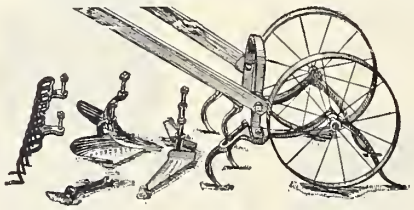
BY keeping in touch with the users of Garden Tools and considering their suggestions, we have been able from time to time to add many valuable improvements to the line. Standard Tools are well made of the best material obtainable and are nicely finished and thoroughly guaranteed.

It Pays to Plant The Best



No. 9 COMBINED DOUBLE AND SINGLE WHEEL HOE, HILL AND DRILL SEEDER.

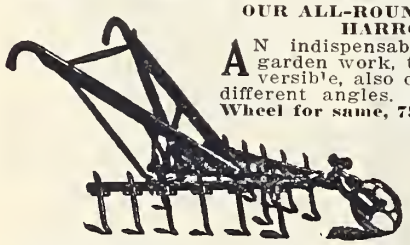
HERE is a complete machine. Simplest to change from one style to another. No other make like it. It has come to stay. We recommend the Standard as always giving good results. You have three separate machines in this one only. **Price: $11.00.**



"STANDARD" No. 4 SINGLE AND DOUBLE WHEEL HOE, BOTH IN ONE.

OF all labor-saving tools, this cannot be surpassed. Can be changed from one to the other in a few seconds, thereby saves buying two separate machines when you don't have work for both at same time. Frame all malleable iron attachments, with steel hovels. **Price: $6.00.**

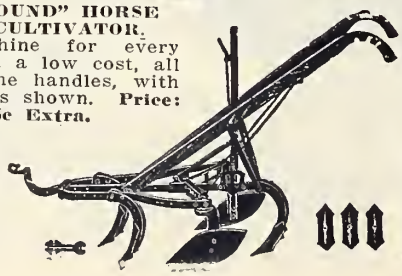
OUR ALL-ROUND 14-TOOTH HARROW.



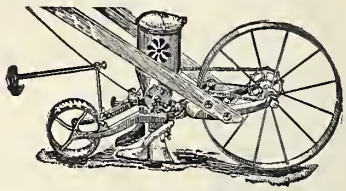
AN indispensable tool for garden work, teeth are reversible, also can be set at different angles. **Price: $4.50; Wheel for same, 75c Extra.**

OUR "ALL-ROUND" HORSE HOE AND CULTIVATOR.

A GOOD machine for every gardener at a low cost, all steel but the handles, with extra shovels as shown. **Price: $5.25; Wheel, 75c Extra.**



All These Machines Have 16-Inch Wheels With 1¼-Inch Tire, All Steel.



THE STANDARD No. 14—HILL AND DRILL Seeder.

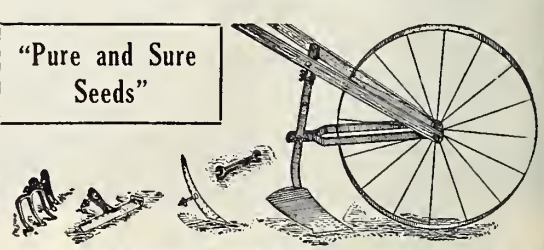
THIS drill is perfect in construction, is light but strong and well balanced. Will sow any kind of garden seed, either in hills 4, 6, 8, 12, 24 inches apart in the row, or in continuous drill. Has revolving agitator, will not clog. It has 16-inch steel wheel with 1 3-4 inch tire chain drive. **Price: $8.00.**

"You Can't Keep Our Seed in the Ground"

STANDARD No. 22, SINGLE WHEEL HOE.

A SINGLE wheel hoe, but can be used astride the row as well as for between rows. Very light running on account of good-sized wheels. Fine for small home gardens. **Price: $4.50.**

"Pure and Sure Seeds"



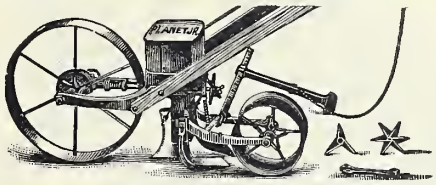
STANDARD No. 20, NEW STYLE WITH 24-INCH WHEEL.

THIS machine is made to use where a cheaper one is desired, such as in home gardens and for the market gardener to use in cultivating crops of larger vegetables. It is strong and durable, is adjustable in height by loosening a thumb nut. We recommend this for the price. **Price: $3.00.**

Farm and Garden Implements

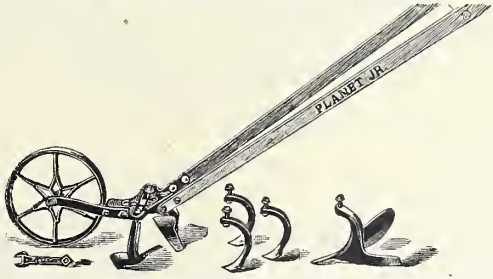
GREAT saving comes from the accuracy with which good hand tools do their work. The regularity with which seed can be dropped and the consequent regularity in growth are astonishing to those who have not used good seeders; and it is the same way in cultivation; wheel hoes generally do the work of five or six men with hand hoes and often do it better.

No. 25 PLANET JR.
IT combines in a most practical way the Planet Jr. No. 4 drill and No. 12 double wheel hoe.
Price: $13.00.

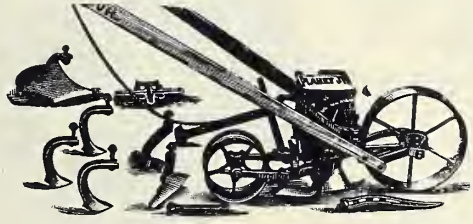


No. 3 HILL AND DRILL SEEDER.
SOWS evenly in drills, and also drops in hills, at 4, 6, 8, 12 or 24 inches apart. The latest and most perfect development of the hand seed drill. Holds 3 Quarts. **Price: $10.00.**

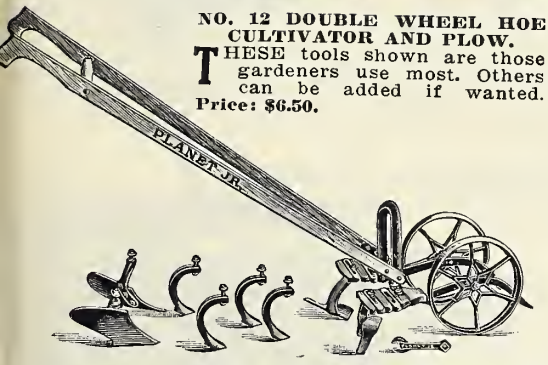
No. 4 COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.
WITH this implement the small farmer or gardener can do practically all the work in his small crops. Holds 2 Quarts. **Price: Complete, $10.50; Drill only, $8.50.**



No. 17 SINGLE WHEEL HOE, CULTIVATOR AND PLOW.
A fine tool for small gardens; does fine work and easy to operate. **Price: $4.50.**

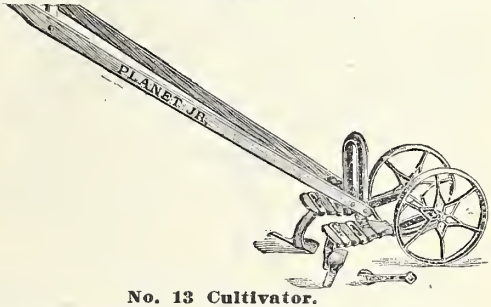


NO. 12 DOUBLE WHEEL HOE CULTIVATOR AND PLOW.
THESE tools shown are those gardeners use most. Others can be added if wanted.
Price: $6.50.

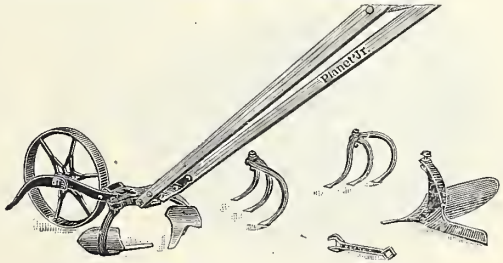


NO. 39 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR AND PLOW—Price: $5.50.

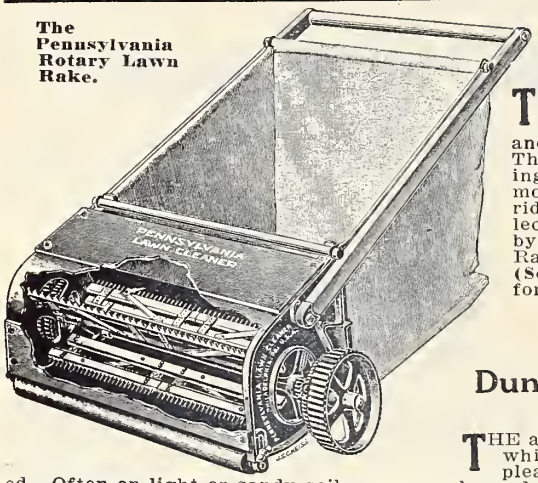
Equipment:
One pair peat land hoes. } All oil
One large garden plow. } tempered.
One pair of 3-prong teeth.
One leaf lifter.



No. 13 Cultivator.
No. 13 PLANET JR. DOUBLE WHEEL HOE.
Price: $4.25.
Packed weight, 27 lbs.
Equipment:
One pair of 6-inch hoes, oil tempered.



No. 39. Planet Jr., S. W. Hoe.



The Pennsylvania Rotary Lawn Rake.

The Pennsylvania Rotary Lawn Rake

THIS is virtually a revolving lawn comb, having flexible steel wire teeth which go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. It has a dumpable collecting box. This work is most effectually accomplished by the use of the Pennsylvania Gem Lawn Clearner and Rake. One man can do more work than four with rakes. **(See cut.)** Price: 24-inch machine, **$16.00.** (Weight packed for shipment, 90 Lbs.)

Lawn Rollers

YOUR LAWN NEEDS A ROLLER

Dunham "Water Weight" Roller

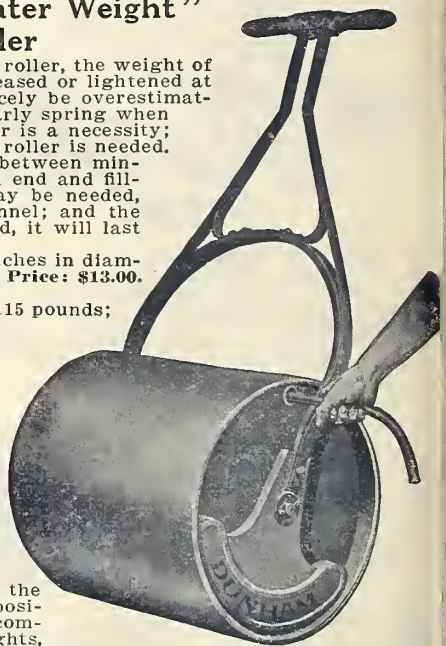
THE advantages of a roller, the weight of which can be increased or lightened at pleasure, can scarcely be overestimated. Often on light or sandy soil, or on newly made lawns or in early spring when the ground is moist, or after a rainy spell, a lighter-weight roller is a necessity; then on thick sward or on hard soil, on walks and roads, a heavy roller is needed. With a **Water Ballast Roller** one can secure any weight desired, between minimum and maximum, by simply removing a thumb-cap from each end and filling the two hollow sections with as much water or sand as may be needed, which is easily and quickly done with a hose or through a funnel; and the roller is as quickly emptied. The inside being heavily galvanized, it will last for years.

No. HW6—With counter balancing handles; 24 inches long; 24 inches in diameter; weight, empty, 185 pounds; filled with water, 560 pounds. **Price: $13.00.** (See cut.)

No. WB7—24 inches long; 24 inches in diameter; weight, empty, 115 pounds; filled with water, 500 pounds. **Price: $11.50.**

No. WB5—24 inches long; 18 inches in diameter; weight, empty, 80 pounds; filled with water, 310 pounds. **Price: $9.50.**

No. WB3—20 inches long; 14 inches in diameter; weight, empty, 65 pounds; filled with water, 200 pounds. **Price: $8.00.**



Water Weight.

Cast Iron Lawn Roller

THESE are perfect rollers, and do perfect work on lawns, tennis courts, golf grounds, roads, walks, etc. They are high grade in every respect, being carefully manufactured of best material. They will be found practically noiseless and very durable. The rolling surfaces are very smooth and will not gather grass or soil; the sections fit closely, leaving no mark, and the diameters are large, insuring a lighter draft for a given weight than is usual. The handle weights (shown in this illustration) are to counter-balance the weight of the handle and keep it in an upright position off from the ground. We recommend a roller having handle weights, as they add speed and ease of operation to the roller.

Size No. 2—Roller 24 inches long; 2 sections; 20 inches in diameter; weight 225 pounds. **Price: $5.25.**

Size No. 3—Roller with self-balancing handles, 24 inches long; 2 sections; 20 inches in diameter; weight 300 pounds. **Price: $6.00.** (See cut.)

No. 3 Lawn Roller.

One Horse Lawn and Golf Roller

THIS style of roller is designed for use on large areas and heavy work. It is furnished with shaft and single-tree; the operator's seat is all steel with double leaf seat spring. It rides comfortably, the weight box is all steel, the axle is heavy machine steel, lathe turned.

No. 42—50 inches long; 24 inches in diameter; 5 sections; weight, 950 pounds. **Price: $54.00.**

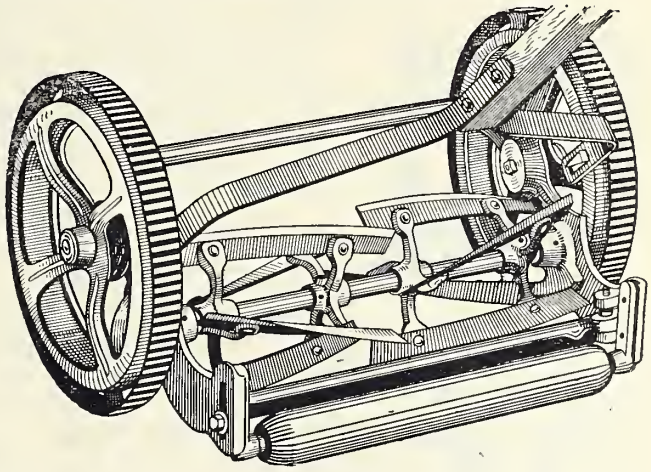
One Horse Golf Roller.

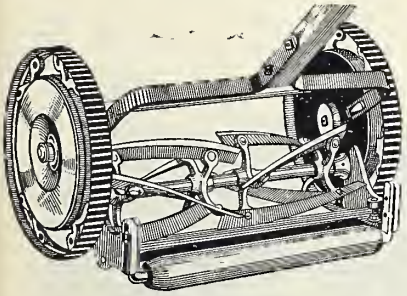
The Mower That Cuts Clean

BACKED BY OUR GUARANTEE

New Principle in Lawn Mower Construction

OVERALL is a ball-bearing machine. Color Gold and Red. The great feature of these new mowers, you will see, is the double reel blades, which are of great importance. Combined with the 12-inch wheels and the new shaft boxing, make it a far lighter running mower than any ever made heretofore. It throws the cut grass to the center, entirely out of the way. A 20-inch mower of these makes runs lighter than a 16-inch of any other make. We guarantee to give satisfaction as represented or money refunded for same. These are not cheaply made mowers; best in quality. Cuts higher grass; has 11-inch wheels. The **only** mower that takes **perfect care of the cut grass. Price: 16-inch, $10.00; 18-inch, $10.75.**





Eagle

NO lawn mower with the old style reel can equal these. Color blue and gold. Ball-bearing. Guaranteed to cut higher grass, run lighter and take better care of the grass than any other machine. The most powerful mower yet produced and the lightest running. We put this machine against any other make, and if it is no better, does not do as we claim, you can return it and get your money—you to be the judge. The double cutting blade, roller bearings and 10-inch wheels save you labor and cut evener. **Price: 16-inch, $8.00; 20-inch, $10.00.**

Hawkeye

HERE is the biggest value ever offered in a lawn mower. Color Silver and Gold. Ball-bearing. Note its general construction, rigid four-shouldered frame, raised edge, self-sharpening, screwed on bed knife, and crucible steel reel knives and bed knife; its special features, the easy one minute adjustment, and chilled iron wheel-hubs and axels; and compare its specifications, weight, size of wheels, number of blades, bearings, finish, etc., with any mower made, and we are sure you will agree with us that it is the biggest value on the market. Driving Wheels—12 inches. **Price: 16-inch, $9.50; 18-inch, $10.50; 20-inch, $12.00.**

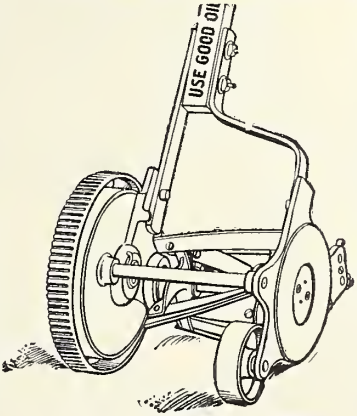
Chief

THIS mower is somewhat similar to our Hawkeye but lighter in weight, and not as well finished, and has lower wheels. Color Gold and Black. Plain bearing. It has the same high-grade material, same easy adjustment, and same self-sharpening bed knife as the rest of the line, and is a classy little machine. Driving Wheels—9 inches. **Price: 14-inch; $5.75; 18-inch, $7.25.**

Detachable Grass Catcher

GAUGE Galvanized Wire Frame, Covered with Extra Quality 8 ounce Green and White Striped Canvas, sides and back; one piece, 27 Gauge galvanized iron bottom, with slightly turned up edge on front; complete with handle hook and adjustable bracket for fastening to mower. **Price: Sizes from 14- to 20-inch, 75c; to $1.25.**

The Universal Lawn Trimmer



The Universal Lawn Trimmer.

THE latest and best machine for trimming grass close up to the fence or wall, thus reducing hand work with shears to a minimum. It will also be found handy for trimming up around trees, under bushes, etc. It cuts 6 inches in width. This Lawn Trimmer is a high-grade machine in every respect with self-adjusting ball bearings. **Price: $4.50.**

Miscellaneous Supplies

Cyclone Seed Sower

A Good Large Sower That Meets the Most Exacting Demands.

THIS machine is in a class by itself and stands out with individuality of perfection, having a slope feed board, and oscillating feed agitating device, an automatic feed adjustment, a non-solder joint, double flange distributing wheel with interlock hub. The base is concave, which rests the sower nicely against the side of operator in the most restful and easy position to carry and operate.

The material used in the construction of the Cyclone is of the best throughout. The machine is practically and mechanically built. The hopper or sack has a capacity of ½ bushel. It sows with ease to the operator all varieties of grain and grass seed perfectly even. **Price: $1.50.**

Corn Planter

Lightning Seed Sower

HAS long tin sectional tube, having sack attached, also has adjustable feed for different grains and quantities. Suitable for small seeds only. Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left, which closely resembles the old method by hand. Gives control over seed on a circle of 8 feet before it leaves the tube, and the wind has no chance to blow seed into bunches before it strikes the ground. **Price: 75c.**

Corn Planter

THE ECLIPSE ROTARY—Has positive feed. Four changes of disc (one disc for seed or broom corn). No planter is complete without wheel to drop one grain to replant drilled corn. **Price: Each, 90c.**

Grass Edger

IT is a great time and labor saver. It will edge either straight or curved work, paths, drives, open borders, doing the work well and rapidly. **Price: $6.00.**

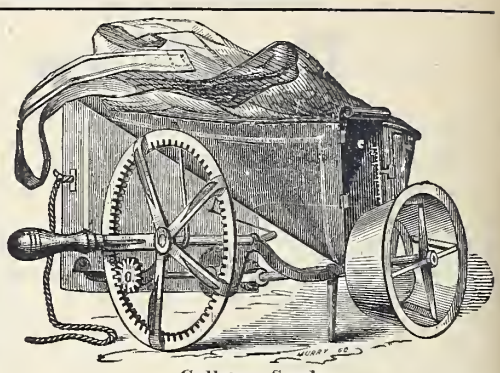
Mole Traps

TO find a track which is frequented by moles depress the mounds which the moles have made for a small space in different parts of the fields, place a stick upright in the ground near by so that the depression can be readily found again.

It has been observed that moles repass through the roads at regular intervals that is at about 12 o'clock M. and about 6 o'clock P. M. If by going over the fields again the mounds which were depressed are again raised up, set a trap there and you are sure to catch a mole. Several moles have been caught in one track on successive days by setting the trap in the same place. With a few of these traps a field, garden or lawn can soon be freed from moles.

OLMSTED—The best trap made. Sure to catch them. Made of best material. **Price: $1.25.**

RIDDLE—A very good trap for the money. **Price: 75c.**

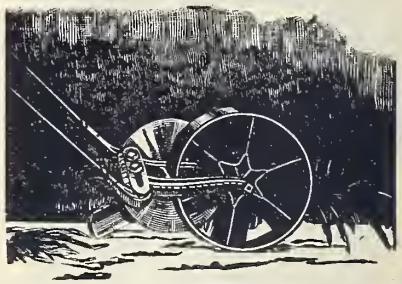


Calhoon Seeder.

Calhoon's Broadcast Sower

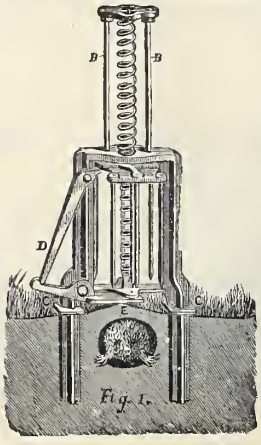
FOR sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, etc. Standard Seeder of the World—A Model for Accuracy and Durability—Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

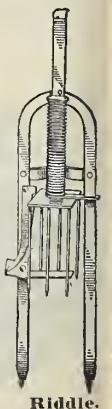
The breadth of the cast will be according to the weight of the seed. Wheat and Rye, 30 to 36 feet. Oats, 21 to 25 feet. Barley, 27 to 33 feet. Clover, Millet, Hungarian Seed, 20 to 24 feet. Hemp, 27 to 30 feet. Timothy, 15 to 18 feet. **Price: $2.75.**



Grass Edger.

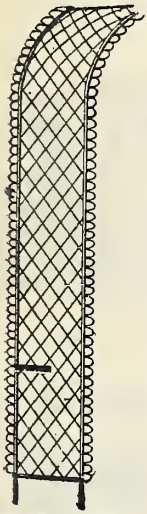
These Supplies are the Best





Riddle.

Miscellaneous Supplies—Continued



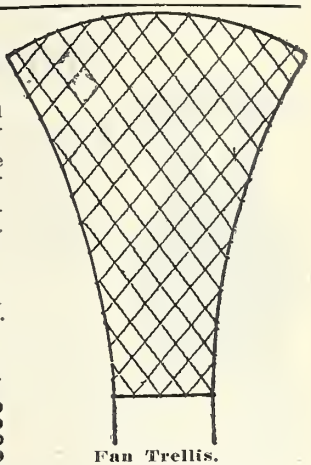
Porch Trellis.

Trellises

PORCH TRELLIS—Made of wire and painted; strong and durable; nothing better for your hardy climbers. 30 inches wide, 12 feet high, **$2.75**; 14 ft., **$3.25**; 16 ft., **$3.75.**

BALLOON TRELLIS—A heavy wire frame suitable to place anywhere on the lawn for vines, etc., needs no other support. Painted, 4 feet high, **$1.50**; 5 ft., **$2.00**; 6 ft., **$2.50.**

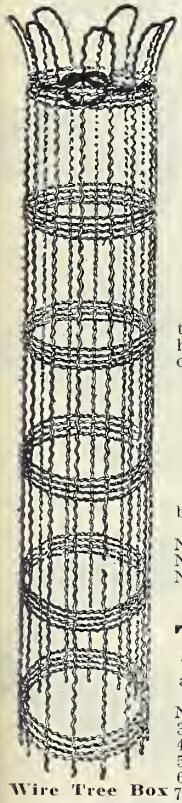
FAN TRELLIS—A heavy wire frame suitable to place anywhere on the lawn for vines, etc., needs no other support. Painted, 4 feet high, **$1.50**; 5 ft., **$2.00**; 6 ft., **$2.50.**



Fan Trellis.

Tree Guards

WIRE TREE BOX—Made of best crimped wire, strong and durable; has neat appearance; 6 feet high. **Price: Each, $1.15.**



Wire Tree Box

Flower Pots

We are headquarters for Flower Pots of every description. Send us your orders.

2½-inch	per Doz.	$0.15	2½-inch	per 100	$1.00
3 -inch	per Doz.	.25	3 -inch	per 100	1.50
4 -inch	per Doz.	.40	4 -inch	per 100	2.00
5 -inch	per Doz.	.60	5 -inch	per 100	4.00
6 -inch	per Doz.	1.00	6 -inch	per 100	5.00
7 -inch	Each	.10	7 -inch	per Doz.	1.00
8 -inch	Each	.15	8 -inch	per Doz.	1.50
10 -inch	Each	.25	10 -inch	per Doz.	2.50
12 -inch	Each	.40	12 -inch	per Doz.	3.50
14 -inch	Each	.65	14 -inch	per Doz.	7.00

BULB PANS	Each	Doz.	FERN PANS	Each	Doz.
6-in.	$0.08	$0.90	6-in.	$0.08	$0.90
8-in.	.12	1.35	8-in.	.12	1.35

SAUCERS	Each	Doz.		Each	Doz.
4-in.	$0.02½	$0.20	7-in.	$0.05	$0.50
5-in.	.02½	.25	8-in.	.07	.65
6-in.	.04	.40	10-in.	.10	1.00
			12-in.	.15	1.50

"Fibrotta" Plant Tub Saucers

These are strong and non-porus, do not leak like old style.

	Each	Doz.		Each	Doz.
6-in. Diam.	$0.10	$1.00	12-in. Diam.	$0.22	$2.60
8-in. Diam.	.12	1.40	14-in. Diam.	.27	....
9-in. Diam.	.14	1.60	16-in. Diam.	.45	....
10-in. Diam.	.17	2.00	18-in. Diam.	.65	....

PAPER FLOWER POTS.

Are made of tough waterproof fiber paper unbreakable and the best pot made for starting plants in hot-beds or greenhouses and for shipping and marketing. For lightness and cheapness they have no equal.

	Per 100	Per 1000		Per 100	Per 1000
2½-in.	$0.30	$2.80	4 -in.	$0.80	$6.60
3 -in.	.45	3.90	5 -in.	1.20	11.00
3½-in.	.60	5.30			

Balloon Trellis.

Flower Pot.

Cedar Tree Tubs

Made of the very choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress tubs.

	Diam.	Height	Price		Diam.	Height	Price
No. 1.	12 in.	10½ in.	$1.10	No. 3.	16½ in.	15¾ in.	$2.25
No. 2.	13 in.	13 in.	1.35	No. 4.	19½ in.	17 in.	2.50
No. 3.	14½ in.	15 in.	1.75	No. 5.	22½ in.	18½ in.	3.25

Richmond Style Tree Tubs

THESE Tree Tubs are made of the same selected Virginia White Cedar, bound with flat steel hoops at bottom, and galvanized wire hoops in middle and at top. Nicely painted green, inside and out, and tops finished with round bevel. No handles.

No.	Inside Top Diam.	Inside Bot. Diam.	Inside Depth	Price Each
3B.	8 inch	6 inch	8 inch	$0.35
4B.	9 inch	7 inch	9 inch	.40
5B.	10 inch.	7½ inch	9 inch	.50
6B.	11 inch	8½ inch	10 inch	.60
7B.	12 inch	9 inch	11 inch	.70

POT LABELS (Painted)

	Per 25	Per 100	Per 1000
4-inch	$0.05	$0.15	$0.85
5-inch	.05	.15	1.00
6-inch	.05	.20	1.25
8-inch	.10	.25	2.00
12-inch	.25	.75	...

WIRED TREE LABELS—Painted, 3½x5⅝ in., per 1000, **$1.50**; 5x1⅛ in., **90c per pkg of 200.**

PLANTSTAKES—Bambo, Painted Green.

1½ ft., doz.	$0.06;	100 $0.40
2 ft., doz.	.10;	100 .75
3 ft., doz.	.12;	100 .90
4 ft., doz.	.14;	100 1.00

Dahlia Poles Painted Green.

5 ft., Doz.	$1.30;	100 $10.00
6 ft., Doz.	1.40;	100 11.00

Natural Cane Stakes.

6 ft., Doz. $0.15; 100 $1.00

SPHAGNUM MOSS—Extensively used for filling Fern and Orchid baskets, mixing with potting soil covering tops of pots to preserve moisture, etc. **Price: Lb., 10c; Bale, about 40 Lbs., $2.00.**

Miscellaneous Supplies

Plant Sprinklers.

Rubber Hose

ELECTRIC—This is the highest grade of garden hose, being made entirely from New Rubber, and will outlast cheap hose three times over. We guarantee it to stand a 200-pound water pressure, and it will be as resilient in three or four years' time as when new, while cheap hose of that age will be hard and rotten. **Price: ¾-inch, 50 ft., $10.00; 100 ft., $19.00; 1-inch 50 ft., $12.50; 100 ft., $24.00.**

REVERO—Best hose on the market, finest quality of rubber being used in its manufacture; will last for years. We can supply in any length if advised at time of ordering. **Price: ¾-inch, per 50 ft., $9.00; 100 ft., $18.00.**

STERLING—A fine grade of hose, which we can readily recommend. Comes in 50 foot lengths only. **Price: ¾-inch** (including plain couplings), **per 50 ft., $5.00.**

DALTA HOSE—½-inch 4-ply Best Quality Rubber. **Price: Per ft., 12c.**

HOSE REEL—For lawn or garden; very simple in construction; easily manipulated and almost unbreakable. **Price: $2.50.**

"PERFECT CLINCHING" HOSE MENDER—With seamless brass tube and plated steel clamps. **Price: ½-, ¾- and 1-inch, Each, 5c; Doz., 50c.**

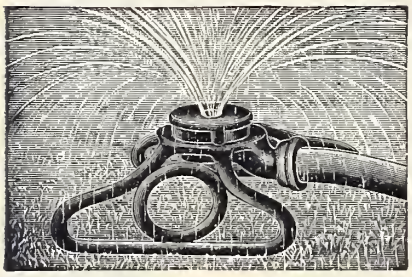
THE ORIGINAL "PERFECT CLINCHING" HOSE COUPLING—A self-fastening coupling that does not require extra bands, bolts or wires. Slip it in the Hose and hammer down—that's all. **Price: ½- and ¾-inch, Each, 20c.**

GEM SPRAY NOZZLE—Price: Each, 40c.

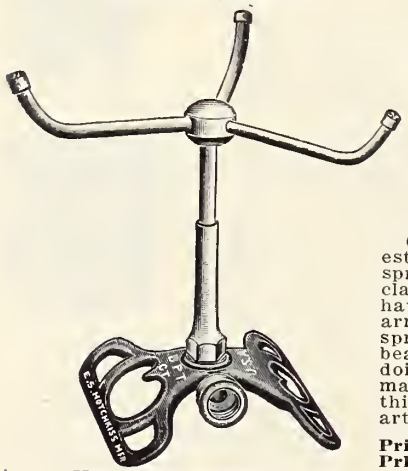
RUBBER HOSE WASHER—¾-inch.. Price: Doz., 5c.

PATENTED 1910

Perfect Hose Couplings.

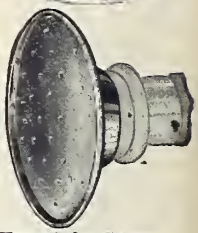


Fountain Sprinkler.

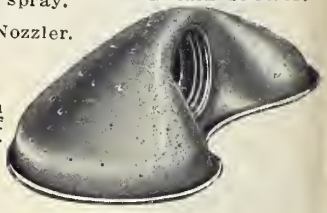


Hotchkiss Double Acting.

No. 10 Hose Reel.



Fountain Shower.



Half-Circle Fountain.

"Crescent" Fountain Sprinkler

THE "Crescent" is a combination of all the good features of the various Ring sprinklers, together with the forward-sprinkling feature which has proved very popular. It will sprinkle right along the edge of a walk. Made of heavy No. 22 gauge brass that will not dent in ordinary use. Highly polished and packed in attractive display boxes. **Price, Each, 45c.**

Fountain Sprinkler

(See cut.) The large size, one of the best; all brass, never rusts out, covers a large area; fine for small or medium size lawns. **Price: Each, 50c.**

The Fountain "Shower"

(USED AS A HOSE NOZZLE)

Made of polished brass 2¾ inches in diameter. Has the "mist-like" spray. **Price: Each, 15c.**

The Gyser Sprinkler used as a Nozzler. **Price: Each, 25c.**

The "Half-Circle" Fountain

Absolutely unique. A sample in your own hands is the only way of conveying to you its peculiarly "taking" appearance. **Price: Each, 30c.**

Elgin Sprinkler

Will sprinkle four times greater area than any other sprinkler made. **Price: 50c.**

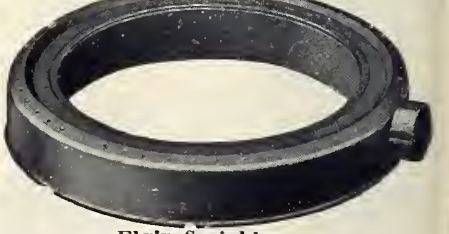
Rubber Plant Sprinklers

Straight and bent neck. Size, 6 Oz. **Price: 60c.**

Hotchkiss Sprinkler

(See Cut.) This is the finest and most satisfactory sprinkler made, it is a high class article; nickel plated, having three extension arms, also round nose spray in center giving beautiful effect, as well as doing the work in the right manner. We recommend this to all who want a good article.

Price: Each, No. 50....$1.25
Price: Each, No. 65.... 2.00
Price: Each, No. 85.... 2.50



Elgin Sprinkler.

Miscellaneous Supplies—Continued.

Clay Hanging Basket.

ASPARAGUS KNIFE—Saw edge. **Price: Each, $1.00; Cheaper grade, 40c.**

CLIMAX WEED PULLER—A neat little tool, very much used by landscape gardeners and lawn-makers everywhere. For cutting out weeds, dandelion, etc., it is indispensable. **Price: Each, only 75c.**

CELERY RIBBON—We can supply you with this in a blue shade, about ⅜ inch wide on wooden spools of 1000 yards each. **Price: Per Spool, Heavy Blue, $2.00. Red, 2000 Yds., $1.65.**

E. Z. HAND WEEDER—(See cut.) **Price: Each, 10c.**

EXCELSIOR HAND WEEDER—For weeding seed beds, stirring soil in hot beds, etc. **Price: Each, 10c; 3 for 25c.**

FRUIT PICKERS—Attach to pole of any desired length. Saves all climbing, especially on young trees. **Price: 40c.**

FORGED STEEL GARDEN TROWELS—Made of one piece of steel, they are strong and stout. For market gardeners use they are the very best trowels. **Price: 5-inch, 35c.**

TRANSPLANTING TROWELS—Made of the same material as the above. **Price: 5-inch, 10c; 7-inch, 15c.**

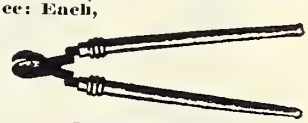
GARDEN TROWEL—4-inch, riveted handle. **Price: Each, 15c.**

GARDEN DIBBLE—All iron; is used for transplanting small plants. Has polished steel point. **Price: Each, 35c; 3 for $1.00.** D. Handle 40.

RHODES DOUBLE CUT PRUNING SHEARS—30-inch handle. **Price: $2.50.**

GRAFTING WAX—Price: ½ Lb., 15c; Lb., 25c.

Lang's Weeder.



Lopping Shears.

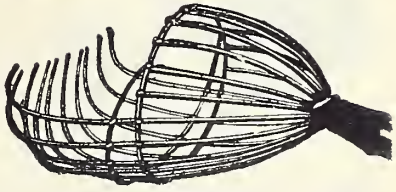
Garden Dibble.

Huzeltine's Hand Weeder.

Transplanting Trowel.

Garden Trowel.

Pruning Shears.



Fruit Picker.

GRASS SHEARS—Steel blade, steel spring, cast frame. A bargain. **Price: Only 25c.**

STEEL GRASS SHEARS—The best made. **Price: 50c.**

HAND WEEDING FORK—Price: 4-inch, 20c; 3-inch, 15c.

HEDGE SHEARS—8-inch, with notch. The "notch" is at the heel of the blades, for cutting small branches. **Price: $1.50.**

HAZELTINE'S HAND WEEDER—One of the most useful garden tools made. Every owner of a garden should have one. **Price: 25c.**

LANG'S HAND WEEDER—In our opinion this is the best of all weeders. **Price: 25c.**

SHEARS FOR PRUNING—Very strong steel blades and good spring. **Price: 50c.**

WIRE HANGING BASKETS—Price: Each, 12 in., 30c; 14 in., 40c.

CLAY HANGING BASKET—Made of Red Clay. (See cut.) **Price: 10 in., 40c; 12 in., 50c.**

LADY'S GARDEN TROWEL—Price, Each, 5c.

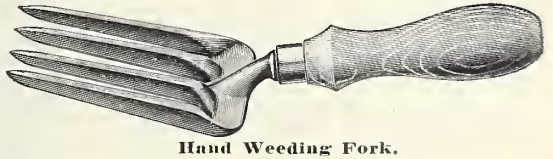
THE PULL-EASY is the best cultivator for the army of early risers, who faithfully tend a little patch of green things in the back yard. Every part is of the best material, the teeth are drop-forged steel, set in an indestructible plate. The handle is perfectly smooth, of straight-grained, tough white-ash. **Price: Each, 90c.**

BUNSHING TWINE—4 ply, Tip Top Brand. **5-Lb. Sax $1.00.**

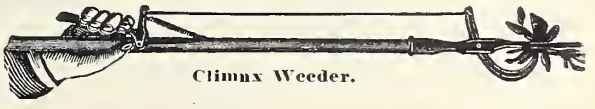
TOMATO TWINE—Best jute, 2 or 3 ply. **Price: Lb., 15c; 8 Lbs., $1.00.**

WATER'S TREE PRUNERS—The best Pruner on the market. **Price: 8 ft., $1.00; 10 ft. $1.25.**

LOPPING SHEARS—Price: 75c.



Hand Weeding Fork.



Climax Weeder.

Reversible Steel Lawn Rake.

Acme Weeder or Hand Cultivator.

Miscellaneous Supplies

—Continued.

GARDEN HOE—Highest grade crucible forged steel, oil tempered polished blade, with solid steel gold bronzed neck; extra select second growth straight grained ash handle, polished, waxed and labeled. **Price: 75c.**

POTATO HOOK—Highest grade crucible forged steel tumbled finish prongs, oil tempered and carefully tested; bent head; extra select second growth straight grained ash handle, polished, waxed and labeled; black lacquered steel plain ferrule. **Price: 75c.**

SPADING FORK—Four flat diamond back tumbled finished tines, 6¼ inches long; spread (extreme width) 6 inches; malleable D handle, with wood grip. **Price: 75c.**

GARDEN RAKES—Gravel, with short teeth, for walks and driveways. **Price: 16 teeth, 75c.**

WEEDING HOE—Highest grade crucible forged steel, oil tempered, polished blades and prongs, extra select second growth straight grained straight ash handle, polished, waxed and labeled; malleable iron, gold bronzed riveted shank. **Price: 40c.**

ACME WEEDER OR HAND CULTIVATOR—Combination hoe and cultivator combined. Made with a solid steel shank, polished blade and points, bronzed malleable shank and bronzed steel ferrule. (See cut.) **Price: 75c.**

LAWN RAKE—Heavily trinned steel teeth. The arched teeth for leaves and litter, and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. **Price: Each, 50c.**

MEHLER'S HANDY WEEDER (New Way)—No hoe is needed where this tool is used; just the thing for working among flowers and young vegetable plants. **Each, 75c.**

MEHLER'S HANDY GARDENER—Combined garden tool. **Price: $1.00.**

MEHLER'S HANDY GRASS EDGER—**Price: $1.25.**

SPADE—Are made from Best Tempered Steel, fitted with select ash handles. **Price: Each, 75c.**

THERMOMETERS—While we use great care in packing, **Theremometers are shipped at purchaser's risk only.**

Hotbed or Mushroom. **Price: Iron point, $1.00.**

Potato Hook.

Garden Rake.

Garden Hoe.

Weeding Hoe.

Spading Fork.

Raffia

WE will furnish you the finest quality of Raffia on the market in twenty different shades. The Raffia is of the finest grade, the strands are long and uniform, making it a decided advantage in weaving. The natural Raffia is also used for tying up plants in field or greenhouse. **Price: Natural, Lb., 25c; 5 Lbs., 20c per Lb.; Bunch, 10c; Colored; Skein, 10c; 3 for 25c; Lb., 60c.**

NEEDLE FOR RAFFIA WORK—Asst. sizes **6 on Card, Each, 5c.**

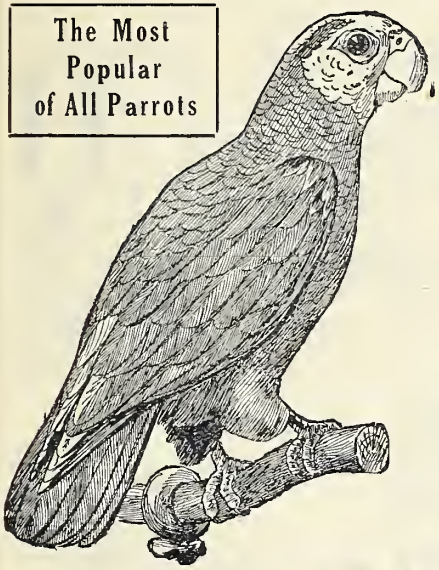
Reed

USED for basket making, lattice work, etc. We carry all sizes adapted for schools, homes, etc. ....

No. 1.....1 Oz., 10c; 1 Lb., 85c
No. 2.....1 Oz., 10c; 1 Lb., 80c
No. 3.....1 Oz., 10c; 1 Lb., 70c
No. 4.....1 Oz., 10c; 1 Lb., 65c
No. 5 .....1 Oz., 10c; 1 Lb., 60c
No. 6 .....1 Oz., 10c; 1 Lb., 55c
No. 7 .....1 Oz., 10c; 1 Lb., 50c
No. 1 Flat Reed .....1 Oz., 10c; 1 Lb., 60c
No. 2 Flat Reed .....1 Oz., 10c; 1 Lb., 60c

Baskets Made from Raffia and Reed.

The Most Popular of All Parrots



"Birds that Sing and Birds that Talk"

THE HARMONIOUS BLENDING OF HUMAN VOICES. THE TALKOLOGY OF THE PARROT TRIBE. THE INNOVATION OF MIMICRY. THE FUN FURNISHER TO HIS MAJESTY —HIS MASTER.

Mexican Double Yellow Head

A NATIVE of Mexico. They are of a beautiful plumage; as for talking, singing and whistling, they are superior to all other varieties. Its color is of a handsome dark green, with bright red and blue tinted feathers on the edge of the wings and tail, the top of the head being composed of a beautiful mass of pale orange color over his head and neck, thus giving it a very pretty appearance. Young birds in July and August. **Price: Each, $6.00 to $9.00.**

St. Andreasberger Canary

THESE little birds are natives of the country surrounding the world-famous town of St. Andreasberg, Germany, and are shipped to us direct. It is in that locality that the world's best canary breeders are located. They are famous for their soft, rolling notes, often keeping one bar of notes going until you think they would drop exhausted. But not so—they hop to another perch and continue the same sweet melody as though it were their sole enjoyment. We have no hesitancy in urging everyone to order one or two of these little home companions. Their voice is never harsh and they often learn to imitate a tune that you might care to teach them. They grow very much attached to the home folks and we know of a number of people who let them out of their little cages and play with them. **Price: First-class male Singers, $5.00; female Birds for breeding, $1.50.**

St. Andreasberger.

The Celebrated Hartz Mountain Canary

No Instrument, No Matter How Sweet the Tone, Can Blend the Harmonious Melody That Comes Forth From Their Little Melodious Voices. They Add a Spark of Happiness to Any Home.

THESE sweet singing birds are sold by the thousands from our store; in fact, they are considered by many the most satisfactory of all singers. They are natives of Germany and are bred high up in the famous Hartz Mountains. We do not begin to receive them until the summer months, and by the time spring approaches we have scattered them all over the land and helped cheer many a home that was sad and forlorn. The sweet notes from these little cage pets are by far the sweetest tones that one can hear, and they are the most loved of all caged birds. We thoroughly test each and every bird's voice before shipping and we will not send a bird out that is not first-class in every respect. We would be pleased to have you mention the color you desire, as everyone knows that canaries vary from a bright to a pale yellow, some with spots of dark, and many times the darkest color birds are the finest songsters. However, we can please you at all times regarding a good singer in almost any of their natural colors.

Price: First class male Singers, only $3.50 Each.
Female Birds for breeding purposes, $1.00 Each.

Hartz Mountain.

German Rollers

A high grade German Canary; fine singers. **Price: Each, $4.00.**

The Australian Shell Paroquets

LOVE Birds Must be Ordered in Pairs. They are very affectionate and are known as "Love Birds." In fact they are so affectionate that they will not live separated, hence they must be kept in pairs. **Price: Pair, $5.00.**

Cages

Round Parrot Cage.

Parrot Cages

OUR round Parrot Cages have brass knobs and tin washers, heavy hangers with brass nuts, hardwood perches and swings, heavy zinc buttons, tinned iron feed cups.

No. 3 14 inches Diameter $2.75
No. 4 16 inches Diameter 3.50
No. 5 17½ inches Diameter 5.00

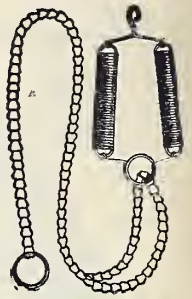
Square Parrot Cages

(Without draw pan.)

No. 35 15 x13 inches, 4 cross bars $3.50
No. 37 17½x15 inches, 4 cross bars 4.50

(With draw pan.)

No. 35M 15 x13 inches $4.50
No. 37M 17½x13 inches 5.50



Double Cage Spring.

Square Parrot Cage.

Parrot Stand

HEIGHT, including swing, 5 feet, 9 inches. Gold bronzed Iron Foot, fancy Brass Standard, Japanned Tray, tinned iron Feed Cups, Hardwood Perches, Brass Chain. **Price: Each, $10.50; Without Swing, $6.50.**

Parrot Stand.

Canary Cages

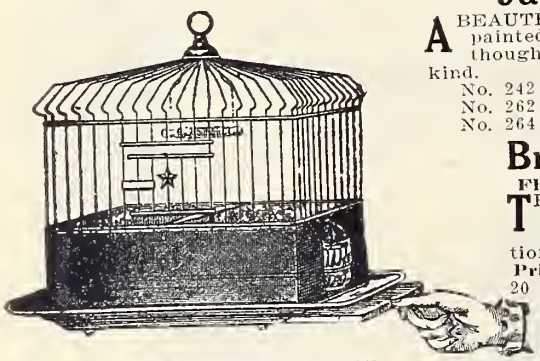
"OUR BEST" Brass Canary Cage with Draw Pan and Screen.

No. 2471—Size 9½x6½ ..... Price, $2.00
No. 2472—Size 10⅛x7⅛ ..... Price, 2.50
No. 2473—Size 10¾x7¾ ..... Price, 3.00
No. 2474—Size 11⅜x8⅜ ..... Price, 3.25
No. 2572M—Size 10⅛x7, Large ..... Price, 3.50
No. 2573M—Size 11 x7, Large ..... Price, 4.00
No. 2574M—Size 12 x8 , Large ..... Price, 4.50
No. 2526 —Round Brass Cage ..... Price, 3.75

Japanned Cages

A BEAUTIFUL pattern. Japanned and painted, very neat and attractive, though not as much so as the all brass kind.

No. 242 Size 8x8 in. ... Price, $0.75
No. 262 Size 10x7 in. ... Price, 1.25
No. 264 Size 11x8 in. .... Price, 1.50



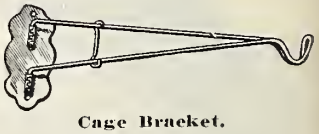
Brass Canary Cage with Draw Pan.

Breeding Cages

Flat Top Breeding Cage.

THIS beautiful cage is well described by the accompanying illustration. No. 1 size 18 in. long. **Price: $1.50;** No. 2 size, 20 in. long. **Price: $2.25.**

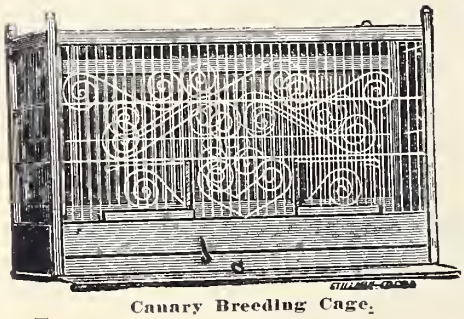
NOTE—Wire nests and nestling should be ordered with this cage. **Nest, 10c; Nesting, 5c.**



Cage Bracket.

Double Cage Spring

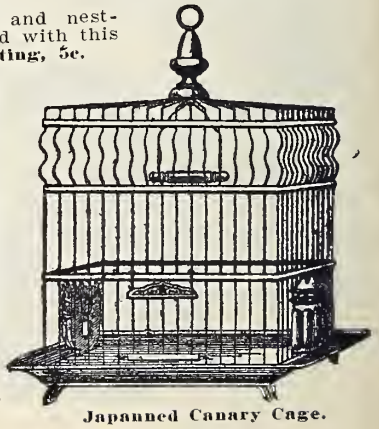
WHEN ordering a cage, do not fail to order a cage spring. Your bird will enjoy a swing as much as you will. We offer you the only perfect cage spring on the market. The only spring that will prevent the cage from swinging around. **Price: Each, 15c.** With chain attached as shown in illustration. **Price: Each, 25c.**



Canary Breeding Cage.

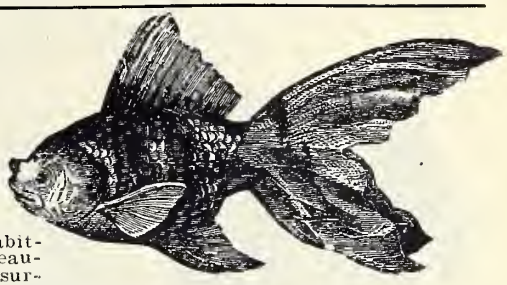
Brass Bracket

FOR hanging Bird Cage on. **Price: Each, 10c and 25c.**



Japanned Canary Cage.

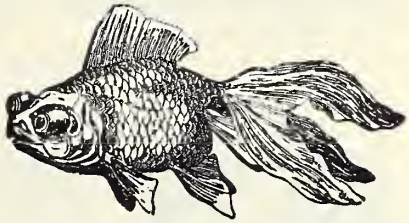
Fancy Gold Fish



Decorate Your Home With These Beautiful Pets
No Home Should be Without Them

Common Gold Fish

THESE are the most popular of all the aquarium inhabitants. First, because they are hardy; and, second, for beauty of color and neatness in appearance they cannot be surpassed. These fish were formerly natives of Chinese waters, but in recent years the American breeders have learned that they cannot only breed this specie of a more brilliancy than the imported stock. The Gold Fish that we offer are the finest specimens obtainable. With their beautiful golden-red brilliancy they not only add an ornament to any home, but they make the finest pets as well. We quote fancy stock, according to size, at only **5c, 15c, 35c, 50c, 75c, and $1.00 each.**

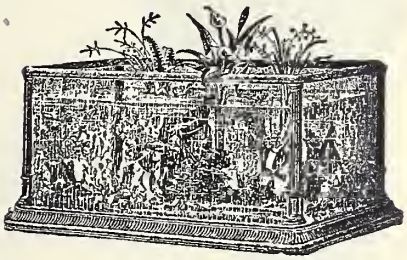


Japanese Fantail Fish

THIS variety is one of the most popular of all fancy fish, the fins and tail being of the finest lace-like formation with a tail of a V-shape. They are variegated in color, being of a golden-red, pearly-white and black coloring. We import this variety direct from Japan. They are rather expensive, but if you want a fish that will beautify your aquarium you cannot afford to be without this specie. **Price: Each according to size and coloring, 50c, $1.50, $2.00 and $2.50.**

Telescope Fish

THIS is another native of the Japanese waters, noted for their oddity, having eyes that bulge out like telescopes. The tail is single, double and sometimes triple. This variety is very scarce owing to the great demand for them to finish out the aquaria, giving it the touch that will always attract attention. **Prices: 50c, 75c, $1.00 according to size. In color they resemble the ordinary Gold Fish.**



Tadpoles

THE SCAVENGER of the aquaria. They consume all decay and refuse matter and aid greatly in keeping the fish healthy. **Price: Each, 10c; Doz., 75c.**

Aquariums

Aluminum Frame Aquarium

SLATE BOTTOM

THIS beautiful aquarium has slate bottom, the corners being lined so as to avoid the water coming in contact with the frame. They are neat, durable.

No.	Long	Wide	High	Gallons	Each
61	16½″	9″	11″	6	$ 5.00
62	18½″	11″	12″	9	$ 6.50
63	20½″	13″	13″	12	$ 8.00
64	22½″	13″	14″	15	$10.00

Nickel Plated Aquarium

THE ideal aquarium for displaying fish in public places. The smaller sizes are elegant for home use. They are the most durable aquaria made. Hence they are the most popular.

No.	Long	Wide	High	Gallons	Each
15	18″	10″	11″	5	$10.00
16	20″	12″	12″	8	12.00
17	22″	14″	13″	12	15.00
17½	26½″	17″	15″	20	20.00
18	26½″	17″	17″	23	25.00

Galvanized Iron Frame Aquarium

GALVANIZED Iron Frame, slate or glass bottom; no metal, paint or cement inside. Enameled, green or maroon, gold striped.

No.	L.	W.	H.	Gal.	Each
1.	13	7	9½	3	$3.00
2.	15	9	11¾	4	4.00
3.	17	11	13½	7	5.00

Nickel Frame—Slate Bottom.

Fish Globes, Aquariums

(Fish Globes Can Be Sent By Express Only.)

Aquaria Moss or Cabomba.

Low or Hanging Fish Globe

These are the Most Popular of All Globes.

Diameter	Holds	Each
4-inch	1 Qt.	$0.25
7-inch	3 Qts.	.50
8-inch	4 Qts.	.70
10-inch	8 Qts.	.90
11-inch	12 Qts.	1.10
12-inch	16 Qts.	1.50

Bird Tonic.

Glass Tank

THESE beautiful aquariums are made of heavy glass. Being of a green and bluish hue, they give the water a very pretty effect, in fact, making it look like sea water. They are very much admired and give the fish plenty of room in which to play. Size, 3 quarts up. **Price: Each, 90c to $4.00.**

Open Castle

A HANDSOME design representing the remaining ruins of an old castle. The fish enjoy swimming through and around the old relic. Very attractive. **Price: 6 in. High, 6 in. Wide, 50c; 8 in. High, 8 in. Wide, 75c; 8 in. High, 10 in. Wide, $1.25; 10 in. High, 12 in. Wide, $1.50.**

Lighthouse.

Grotto

THE most popular of all castles. The fish can swim through and around it, as it does not take up so much space in the bowl. **Price: Each, 3 in. High, 10c; 4 in. High, 15c; 5 in. High, 20c; 6 in. High, 40c; 7 in. High, 50c.**

SINGLE RUIN—6 in. High, 40c. (See Cut.)

Light House

ONE of the most popular designs made, representing an ocean lighthouse, and when magnified by the aquarium glass looks very pretty. **Price: Each, 5 in. High, 65c; 8 in. High, $1.25.**

Bird Manna.

Fish Food and Supplies

Grotto.

IMPORTED GERMAN GRANULATED FISH FOOD—Contains all ingredients of annimal life which is necessary to obtain the full breeding vitality of the fish and keep it in good health. **Price: Box, 15c; 2 Boxes, 25c; Doz., $1.25.**

DIP NETS—Used for taking fish out of aquarium while cleaning, also handy for picking refuse out of water. Net is attached to wire form, wooden handle. **Price: Each, 15c; 25c and 50c.**

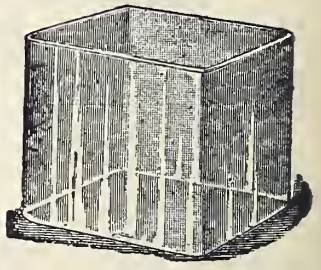
FISH FOOD WAFERS—Should be fed in connection with the above composition. Each box contains enough food to feed 2 fish six months. **Price: Box, 10c; Doz., 90c.**

IMPORTED ANT EGGS—Greatly relished by fish and all aquarium inhabitants; should be fed once a month. **Price: Pkt., 10c; ½ Lb., 75c.**

WHITE GRAVEL—Prepared especially for aquariums. Fish enjoy playing in it, as it produces the river bottom effect. **Price: Pt., 10c; Qt., 15c.**

ASSORTED SHELLS—Fancy assortment of assorted shells adds beauty to the bowl or aquarium; also helps to keep the fish healthy. **Price: Pt., 15c; Qt., 30c.**

AQUARIA MOSS—(See Cut). **Price: Bunch, 10c; Doz., $1.00.**



Bird Supplies

Single Ruin.

BIRD MANNA—In this composition we offer a combination food and tonic as well as a song restorer combined; it should be fed during a cold or moulting season; in fact, it is ideal to feed at any time. **Price: Pkg., 15c; 2 for 25c.**

PETERS' SONG RESTORER—A restorer for weak and sickly birds. Feed to healthy birds once a week. It will keep them in full song. **Price: Bottle, 25c.**

BIRD TONIC—A valuable remedy for all songbirds; invigorating. It should be given to Canaries often in order to keep them in perfect singing order. **Price: Bottle, 25c.**

MOCKING BIRD FOOD—Prepared from a formula of our own, it is very invigorating to Canaries as well as to Mocking Birds; it contains a great amount of nutriment in condensed form. We handle only the best stock. **Price: Lb., 25c per bottle.**

Bird and Dog Suppplies

(Bird Seed By Parcel Post See Inside Front Cover.)

ST. ANDREASBERG SPECIAL MIXED BIRD SEED—Prepared from fan-cleaned and air-dried Sicily and Canary Seed, together with Rape, etc. **Price: Lb., 20c; 2 Lbs., 35c.**

"RAPECANARY" SPECIAL—A mixture of Rape and Canary Seed that contains a quantity of healthful compositions, very beneficial to either old or young birds. **Price: Lb., 15c; 2 Lbs., 30c.**

BIRD GRAVEL—Prepared especially for Canaries and other cage birds. It assists digestion and should be freely sprinkled over the bottom of the cage. **Price: Pkg., 10c; Doz., $1.00. By Mail add 5c per Pkg. for Postage.**

GRAVEL PAPER—A composition similar to above, only it is made up like sandpaper; very novel and clean; fits in bottom of cage. **Price: Pkg., 20c; Doz., $2.00.**

CUTTLE BONE—Do not fail to feed your birds Cuttle Bone. It is as important to the Canary as salt is to the human being. Ours is the genuine Treiste Bone. **Price: Each, with holder, 5c.**

MAW SEED—For Birds. **Price: Lb., 20c.**

CANARY SEED—**Lb., 15c; 10 Lbs., $1.25.**

GERMAN RAPE—**Lb., 15c; 10 Lbs., $1.25.**

BIRD LICE DESTROYER—This preparation will Destroy Fleas and Lice on Birds and Pets. **Price: Pkg., 25c.**

Parrot Supplies—Parrot Food

MAMMOTH RUSSIAN SUNFLOWER SEED—**Price: Lb., 15c; 8 Lbs., $1.00.**

MEXICAN GRANOOD—A specially select composition of several kinds of vegetable and animal foods combined; it takes the place of cracker or soaked bread; it is greatly relished by Parrots and keeps them in good plumage; it is similar to the Parrot's native foods. Be sure and order some for your Parrot. **Price: Lb., 25c.**

PARROT GRIT—A composition of iron tonic, ground and pulverized especially for Parrots and all large birds; it imparts vigor, robust and good health, and is very effective in warding off disease. **Price: Pkg., 10c; Doz., $1.00. By Mail add 5c per Pgk. for Postage.**

Spratt's Dog Remedies

SPRATT'S DOG CAKES—A composition of specially prepared food in cake form, medicated and adapted for grown dogs. **Price: Lb., 10c; 3 Lbs., 25c; 100 Lbs., $6.50.**

SPRATT'S PATENT PUPPY CAKES—For puppies only. **Price: Lb., 10c.**

FLEE FLEE DOG SOAP—Prepared expressly for bathing fancy dogs, cats and all domestic animals; a sure death to vermin. **Price: Cake, 25c.**

SPRATT'S DOG SOAP—Price: Cake, 25c.

ALTERATIVE COOLING TABLETS—For heated blood, etc. **Price: 50c.**

ANTI-VOMIT TABLETS—Price 50c.

CHOREA TABLETS—For Chorea, St. Vitus' Dance, etc. **Price: 50c.**

CHRONIC SKIN DISEASE TABLETS—For obstinate cases of Mange and Eczema. **Price: 50c.**

COUGH TABLETS—Generally effect a quick cure. **Price: 50c.**

CONSTIPATION TABLETS—A gentle and effective laxative. **Price: 50c.**

DIGESTIVE TABLETS—For severe cases of indigestion. **Price: 50c.**

DIARRHOEA TABLETS—To relieve Diarrhoea, which usually follows change of food, etc., etc. **Price: 50c.**

DISTEMPER TABLETS—May be used as a preventive. **Price: 75c.**

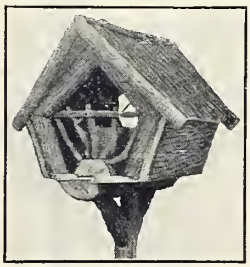
EYE LOTION TABLETS—A safe and efficient remedy. **Price: 50c.**

KIDNEY TABLETS—For Crystitis or Inflammation of the Bladder, etc. **Price: 50c.**

LINIMENT—For Rheumatism, Sprains, Bruises, Lameness, etc., and may be used for human liniment as well. **Price: 50c.**

LIVER TABLETS—A safe and reliable remedy. **Price: 50c.**

No. 21 Bluebird — **No. 25—Woodpecker. Flicker or Nuthatch** — **No. 23 Wren**



Feeding House

No. 17. Wren

No. 50 Wren or Bluebird

No. 12 Wren or Bluebird

Wren Or Bluebird House

Every bird lover should have some of these beautiful little houses.

FOR WREN OR BLUEBIRDS — Especially fine where the birds are bothered by English sparrows. These pests seldom ever build in a swinging house

No. 21. No. 50. No. 12—Price: Each, $1.25. By Parcel Post add 10c each for Postage.

No. 25 Woodpecker Flicker or Nut Hatch House—Price: Each, $1.25. By Parcel Post Add 10c each for Postage.

No. 23, No. 17. WREN HOUSES—Price: Each, $1.25. By Parcel Post add 10c each for Poctage.

BIRD FEEDING HOUSE FOR FEEDING WILD BIRDS—Price: Each, $5.00. Postpaid.

Dog Remedies—Continued

MANGE REMEDY—Price: 50c.

PENUMONIA TABLETS—Administer as soon as possible. **Price: 50c.**

PURGATIVE TABLETS—Perfectly safe and effective. **Price: 50c.**

RHEUMATISM TABLETS—For internal treatment. **Price: 50c.**

WORM CAPSULES—An expellent of Round, Maw, and Tape Worms. **Price: 50c.**

WORM CAPSULES FOR PUPPIES—Price: 50c.

VERMIFUGE CAPSULES FOR TOY DOGS AND PUPPIES—Price: 50c.

Poultry Feed

Prices Subject to Change.

ALFALFA MEAL (Colorado Green)—Is now one of the most essential foods of the day for poultry as well as horses, cattle, etc. Our brand is the best that can be made; clean and nice, fine to mix with other feeds. It is a blood-maker and egg producer. **Price: 6 Lbs., 20c; 50 Lbs., $1.25; 100 Lbs., $2.25.**

BRAN WHEAT—Very essential to the poultry raiser. Best grade. **Price: 4 Lbs., 15c; 10 Lbs., 30c; 25 Lbs., 65c; 50 Lbs., $1.10; 100 Lbs., $2.00.**

BONE FINE RAW CRACKED — It is ground very fine and is especially used to mix with a mash food. **Price: 5 Lbs., 25c; 10 Lbs., 45c; 25 Lbs., 90c; 50 Lbs., $1.75; 100 Lbs., $3.25.**

BONE COARSE CRACKED—Made of fresh green bone; is an excellent egg-maker; used extensively by all poultry raisers. **Price: 5 Lbs., 25c; 10 Lbs., 45c; 25 Lbs., 90c; 50 Lbs., $1.75; 100 Lbs., $3.25.**

CANADA PEAS — For Pigeons, etc. **Price: 5 Lbs., 25c; 25 Lbs., $1.15; 50 Lbs., $2.25; 100 Lbs., $4.50.**

CRACKED CORN—Best on the market. It pays to buy this in preference to using whole corn. **Price: 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., $1.15; 100 Lbs., $2.25.**

CHARCOAL—Everyone should know the value of charcoal. It prevents sour crop and aids digestion; is beneficial to poultry of all ages. Made in two sizes. Fine for chicks and coarse for older poultry. **Price: 3 Lbs., 15c; 6 Lbs., 25c; 25 Lbs., 80c; 100 Lbs., $2.75.**

COTTON SEED MEAL — An excellent stimulant for egg-making, giving them good color. This meal is very rich; also used for live stock feeding. **Price: 5 Lbs., 20c; 10 Lbs., 35c; 50 Lbs., 90c; 100 Lbs., $1.60.**

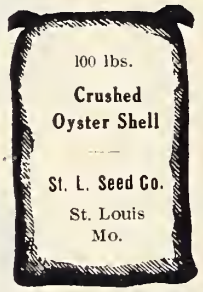
CUT CLOVER—This is made from best quality of red clover, cut fine to use in brooders and pens for baby chicks as well as scratch pens for older chickens. They eat the fine leaves when they can't get grass. **Price: 5 Lbs., 25c; 10 Lbs., 50c; 25 Lbs., 90c; 50 Lbs., $1.75; 100 Lbs., $3.00.**

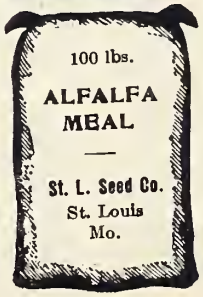
CORN MEAL—For poultry. **Price: 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., $1.15; 100 Lbs., $2.25.**

MICA CRYSTAL GRIT—Mica Grit contains valuable medical properties and acts as a medicine as well as a grit. This grit is made in two sizes for poultry, pigeons and small chickens. State whether you want coarse or fine when ordering. **Price: 5 Lbs., 10c; 10 Lbs., 15c; 25 Lbs., 25c; 50 Lbs., 50c; 100 Lbs., 90c.**

OYSTER SHELL CRUSHED — This is made from nice bright oyster shells, **not** clam shells or mussel shells. This is the best egg shell producer. **Price: 5 Lbs., 10c; 10 Lbs., 15c; 25 Lbs., 25c; 50 Lbs., 50c; 100 Lbs., 90c.**

CRYS-CO—Is a great shell producer, poultry food and grit all combined in one; 99 per cent of pure carbonate of lime. **Price: 5 Lbs., 10c; 10 Lbs., 15c; 25 Lbs., 25c; 50 Lbs., 50c; 100 Lbs., 90c.**





We Sell Baby Chicks

Poultry Feed

Prices Subject to Change.

"FEED-A-GUD" HEN FEED—Our Feed-a-Gud Hen Feed, commonly called chicken feed, is made up of the proper mixed, sweet, fresh and sound grains, without screenings, dust and inferior grains; contains no grit and shell. It is all feed—no waste. **Price: 4 Lbs., 15c; 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., $1.15; 100 Lbs., $2.25.**

"FEED-A-GUD" CHICK FEED—Feed-a-Gud Chick Feed contains no shell and grit; is composed only of sound, wholesome grain carefully and scientifically balanced, so that it will meet all the requirements of maturing chicks and laying hens. **Price: 4 Lbs., 15c; 8 Lbs., 25c; 25 Lbs., 75c; 50 Lbs., $1.35; 100 Lbs., $2.50.**

"FEED-A-GUD" PIGEON FEED—Feed-a-Gud Pigeon Feed contains no shell and grit. It is a scientifically prepared Balanced Ration Food. Especially adapted to the growth of young pigeons and squabs. **Price: 4 Lbs., 15c; 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., $1.15; 100 Lbs., $2.25.**

FLAX SEED MEAL—This meal is largely used in a mash feed for poultry during the moulting season and when chickens are out of condition. It is a great stimulant for bowel trouble, etc. **Price: 5 Lbs., 20c; 10 Lbs., 35c; 25 Lbs., 80c; 50 Lbs., $1.50; 100 Lbs., $2.75.**

"FEED-A-GUD" MASH FEED—There is not and never has been anything on the market to compare with it. The hen is a very accurate machine, and will convert egg-making material, into eggs rapidly if given the right proportions of all such materials as are needed. **Price: 8 Lbs., 25c; 25 Lbs., 65c; 50 Lbs., $1.15; 100 Lbs., $2.25.**

KAFFIR CORN (For Poultry) — Used largely for Pigeons and other mixtures. **Price: 7 Lbs., 25c; 10 Lbs., 35c; 50 Lbs., $1.15; 100 Lbs., $2.25.**

MEAT SCRAPS — Will insure an increase in eggs that will more than pay the cost. A great help in moulting season to prepare hens and pullets for winter laying. **Price: 5 Lbs., 25c; 10 Lbs., 50c; 25 Lbs., $1.10; 50 Lbs., $2.15; 100 Lbs., $4.00.**

HEMP SEED—A very fattening food and well liked. **Price: 10 Lbs., 55c; 25 Lbs., $1.25; 50 Lbs., $2.50; 100 Lbs., $5.00.**

BUCKWHEAT—Good for mixing. **Price: 8 Lbs., 25c; 50 Lbs., $1.65; 100 Lbs., $3.25.**

OATS—Common, whole for feeding. **Price: 5 Lbs., 20c; 10 Lbs., 35c; Bu., 85c; 10 Bus., 80c per Bu.**

MILLET—For a scratch feed. **Price: 8 Lbs., 25c; 50 Lbs., $1.45; 100 Lbs., $2.75.**

STEEL CUT OATS—Is the best feed for baby chicks, far better than wheat or corn. **Price: 5 Lbs., 25c; 25 Lbs., $1.10; 100 Lbs., $4.00.**

MIDDLINGS—Used in mash. **Price: 8 Lbs., 25c; 25 Lbs., 65c; 100 Lbs., $2.00.**

GLUTEN—For Poultry. **Price: 6 Lbs., 25c; 25 Lbs., 90c; 100 Lbs., $3.00.**

FLAX SEED—**Price: 3 Lbs., 25c; 10 Lbs., 75c.**

SUNFLOWER SEED—**Price: 2 Lbs., 25c; 10 Lbs., $1.25.**

WHEAT—For Chickens. **Price: 6 Lbs., 25c; 25 Lbs., 75c; 100 Lbs., $2.75.**

We Sell Baby Chicks

POULTRY REMEDIES AND SUPPLIES

Have a CONKEY CORNER In Your Poultry House

CONKEY'S CHOLERA REMEDY—Must be given in the drinking water. **Price: Pkg., 25c and 50c.**

CONKEY'S GAPE REMEDY—This is a reliable remedy for this extremely troublesome disease. **Price: Pkg., 50c.**

CONKEY'S ROUP REMEDY—This truly superior remedy is used in every country. **Price: Pkg., 25c, 50c and $1.00.**

CHICKEN POX—This disease is known by different names in different localities, such as Sore Head, Pigeon Pox. Warts and pain. **Price: Pkg., 50c.**

CONKEY'S POULTRY CONDITIONER—Is a remedy specially valuable for fowls run down, off feed, recovering from disease. **Price: Pkg., 25c.**

CONKEY'S ROUP PILLS—For the individual treatment of birds and for use in show room. **Price: Pkgs., 25c, 50c and $1.00.**

CONKEY'S CANKER SPECIAL Price: Pkg., 50c.

CONKER'S LICE-FIX—Another and effective way of going after and getting the body louse. **Price: Pkg., 50c.**

CONKEY'S POULTRY TONIC—It keeps the bowels in good condition, assists digestion. **Price: Pkgs., 25c, 50c, $1.00; 25-Lb. pail, $3.00.**

CONKEY'S LICE POWDER—Is absolutely harmless to the fowl. **Price: Pkgs., 10c, 25c, 50c, $1.00.**

CONKEY'S BRONCHITIS REMEDY—Price: Pkg., 50c.

CONKEY'S POULTRY LAXATIVE—Price: Pkg., 25c.

CONKEY'S SCALY LEG REMEDY—Price: Pkg., 25c.

CONKEY'S HEAD LICE OINTMENT—Price: Pkg., 10c and 25c.

LIMBER NECK—Price: Pkg., 50c.

CONKEY'S WHITE DIARRHOEA REMEDY—Price: Pkg., 50c.

CONKEY'S POULTRY WORM REMEDY—Price: Pkg., 50c.

CONKEY'S SULPHUR CANDLES—For fumigating. **Price: Pkg., 10c; 3 for 25c.**

CONKEY'S HEALING SALVE—Nothing better. **Price: Pkg., 25c.**

CONKEY'S LICE LIQUID—The only thing for Mites. **Price: Qt., 35c; 2 Qts., 60c; Gal., $1.00.**

CONKEY'S RHEUMATIC REMEDY—Price: Pkg., 50c.

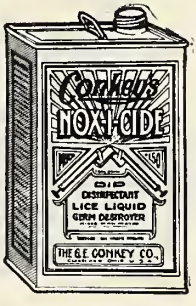
CONKEY'S NOX-I-CIDE (formerly Taroline) — The greatest disinfectant and germ destroyer known. **Price: Pt., 35c; Qt., 60c; 2 Qts., 90c; Gal., $1.50.**

LEE'S LIQUID LICE KILLER—The kind that is always good; destroys all vermin—lice, mites, jiggers, hedbugs. **Price: Qt., 35c; ½ Gal., 60c; Gal., $1.00.**

LEE'S INSECT POWDER — Prepared in large 1¼-Lb. sprinkler-top cans and sell at **25c Each.**

LEE'S GERMOZONE—In large 12-oz. bottles at **50c.**

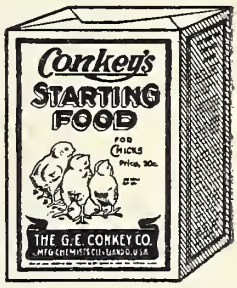
LEE'S EGG MAKER — Price: Pgks., 25c, 50c.



Conkey's Starting Food

CONKEY'S Starting Food is really a baby chick food which has proven wonderful results and success in raising little chicks. It is a specially prepared mixed food, finely ground, which should be fed to baby chicks for the first three weeks, This food is scientifically prepared, and practically predigested. It prevents bowel troubles and makes chicks grow hardy and strong.

Conkey's Starting Food will do wonders for you, and is cheaper because it saves little chicks after they are hatched, which is cheaper than to hatch them.



3-Lb. Package .....25c.
6½-Lb. Package ....50c.
14-Lb. Bag $1.00
25-Lb. Bag 1.65
100 Lbs. 5.75

Pratt's Baby Chick Food

THIS is one of the greatest Chick Savers ever placed on the market. It is a scientific food ration to be fed for the first three weeks. If you want **real success** with your hatches—get Pratt's Baby Chick Food on our recommendation for your first trial, after that you will never be without it. Put up in 3-lb. packages, **25c;** 6½-lb. package, **50c; also 14-lb. bags, $1.00.**

Pratt's Poultry Regulator

THIS is the original Poultry Regulator of America, in use by the most successful poultry raisers everywhere.

It is a guaranteed egg producer, and when regularly used, hens lay throughout the year. **Price: Pkgs., 25c; 50c; 25-Lb. Pail, $2.50.**

PRATT'S CHOLERA REMEDY — Price, Pkgs., 25c, 50c.

DR. HESS' POULTRY PAN-A-CE-A—It is an egg producer, by its invigorating effect upon the organs. **Price: 25c and 60c.**

Rust's Havens Climax Powder

THE only positive preventative and cure for gapes and poultry cholera. **Price: 14-oz. packages, 25c; 32-oz., 50c; 5-lb. box** (equal to six 25c packages), **$1.00.**

RUST'S HAVENS ROUP PILLS—For the cure of roup, catarrh, cold and distemper. **Price: Box, 25c and 50c.**

RUST'S EGG PRODUCER—This preparation supplies just what nature needs for producing eggs, plumage, growth and development, and in the exact proportions required. It imparts vitality so that the eggs surely hatch lively chickens. **Price: 1-lb. package, 25c; 2½-lb. package, 50c; 6-lb. package, $1.00.**

RUST'S LICE-KILLING POWDER—This powder is used for dusting, and as it contains no naphthalene or other odorous ingredients, it does not affect the flavor of eggs or injure them for hatching when fowls and nests are dusted with it. **Price: Pkg., 25c.**

Poultry Supplies—Continued.

BEUOY CAPONIZING INSTRUMENTS—Furnished with full instructions, so that any one can easily perform the operation. **Price: $3.50 per Set.**

BLACK HAWK GRIST MILL—Price, $2.75.

BLACK HAWK CORN SHELLER—Price, $2.00.

HUMPHREY BONE CUTTER—We recommend the Humphrey. It is as small a machine as can be built on practical lines. **Price: $11.50.**

CLOVER CUTTER—The "New Model" is designed for cutting either green or dry, such growths as Clover, Alfalfa, and Vegetable Tops. **Price: $10.00.**

EGG TESTER, HANDY—This Egg Tester is designed for use on an ordinary hand lamp. **Price, 35c. Postpaid.**

EGG TESTER, MAGIC—The Magic Egg Tester is used to pick out the strongest and best eggs for hatching before incubation. **Price, $2.00. Postpaid.**

EGG BOX, DIAMOND—This box makes an admirable package for shipping fancy eggs. **Price: 15c; Doz., $1.75.**

EGG CARRIER, "HANDY"—These cartons are made of heavy cardboard, each holds one dozen eggs. Put up 250 in a bundle, plain, 65c per 100; $1.50 per 250; $5.75 per 1000.

EARTHEN BARREL FOUNTAINS—Price: Qt., 25c; ½ Gal., 35c; Gal., 50c; 2 Gal., 65c.

EARTHEN SANITARY FOUNTAIN—This is made of stoneware, keeps the water cool in hot weather. **Price: Qt., 25c; 2 Qts., 35c; Gal., 50c; 2 Gal., 65c.**

EGG CARRIER, FARMER'S FRIEND—Holds 12 dozen eggs. **Price: Each, 50c; 6 dozen eggs, 40c.**

EGG CARRIER, HUMPTY DUMPTY—Holds 12 dozen. **Price: 35c.**

FIBRE PIGEON NESTS—Made in only one size (9-inch diameter bowl). **Price: 10c; Doz., $1.00.**

FEED-A-GUD CHICK FEEDER—For small chicks. **Price: 25c.**

HENFRIEND DRINKING FOUNTAIN—Easy to clean, strong, cheap, durable and practical. Made of heavy galvanized iron. Made in three sizes. **Price: No. 3, ½ Gal., Each, 25c; No. 2, 1 Gal., Each, 50c; No. 1, 2 Gal., 75c.**

GRIT BOX—These are the original Self-Feeding Boxes, being made of heavy galvanized iron. **Price: No. 1 Grit Box, 50c; No. 2 (Large Size), $1.00.**

GRINDING MILL, STOVER—The most convenient and economical mill for grinding all poultry feed. **Price, $4.50.**

GRINDING MILL, ENTERPRISE—This mill will grind more feed and do it better than any other. **Price: $8.50.**

GAS HEATERS, BUCKEYE—Are adapted to the use of natural or artificial gas. **Price: $1.50. Postpaid.**

CHIMNEYS—Price: Each, No. 1, 15c; No. 2, 20c.

KENTUCO SANITARY FOUNTAIN—Price: No. 4, 1 Gal., Each, 60c; No. 5, 2 Gal., Each, 90c.

LEG HAND, IMPROVED CHAMPION—These bands never come off. Made of aluminum and numbered from 1 up. **Price: 12 for 15c; 25 for 25c; 50 for 45c; 100 for 65c.**

POULTRY BANDS, BOURNE COLOROID—This band is made with large black numbers on white background. **Price: 10 for 30c; 20 for 60c; 100 for $2.75. Postpaid.**

LEG BAND—SMITH SEALED—Made of copper or aluminum. **Price: 12 for 30c; 25 for 50c; 60 for $1.00.**

OPEN PIGEON BANDS—Made of aluminum, and can be opened or closed sufficiently to fit any size pigeon or small chick. **Price: 12 for 20c; 25 for 35c; 50 for 65c; 100 for $1.25. Postpaid.**

MASH FEEDER, IDEAL—Price: $1.25.

NEST EGGS, "KNOX" MEDICATED—Price: Each, 5c; Doz., 50c.

NEST EGGS, CHINA—Price: 3 for 5c; Doz., 15c.

NESTS—Wire, 1-inch mesh: **Price: Each, 15c; Doz., $1.50.**

OAT SPROUTER—Can be placed in any room with proper temperature to make oats sprout. **Price: Each, $5.50.**

PETTY'S POULTRY PUNCH—These punches are small and carry nicely in vest pocket. **Only 25c Each.**

TRAP NESTS—By far the cheapest, simplest, and most practical trap nest on the market. **Price: Single nest, 90c; Double nest, $1.50; Triple nest, $2.25.**

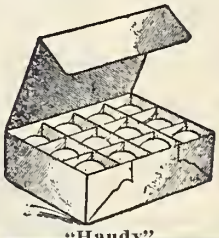
THERMOMETER—Incubator. **Price 75c.**

THERMOMETER—Brooders. **Price: 50c.**

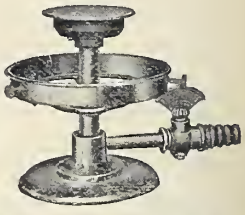
WALL FEED PANS—Hangs on two nails. Easy to clean. Saves waste. Wet or dry feeds. **Price: 12-inch, 15c; 20-inch, 25c.**

Brooder Thermometer.

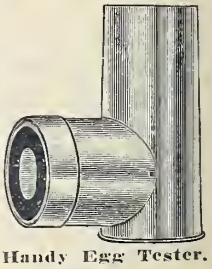
Humphrey Bone Cutter.



"Handy"



Sanitary Earthen Fountain.



Handy Egg Tester.

Barrel Drinking Fountain.

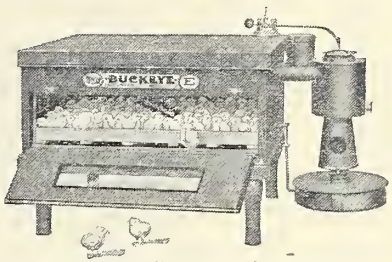
Incubators and Brooders

Buckeye Incubators

Hot Water Machines

WHETHER you are a beginner or a big breeder, we want you to try a Buckeye—any of the six sizes—and see just how easy it is to produce a big, strong chick from every hatchable egg.

Style E, Capacity 60 Eggs **$ 7.50**
Style H, Capacity 60 Eggs **10.00**
No. 1, Capacity 110 Eggs **18.00**
No. 2, Capacity 175 Eggs **23.00**
No. 3, Capacity 250 Eggs **$30.00**
No. 4, Capacity 350 Eggs **35.00**
No. 5, Capacity 600 Eggs **56.00**



Style E, Capacity 60 Eggs.

Queen Hot Water Machines

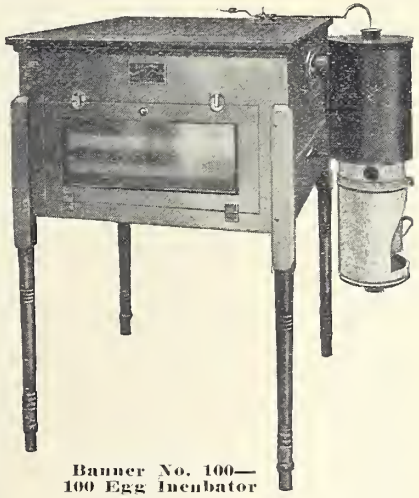
THE QUEEN INCUBATOR—Is constructed with double walls and double doors. Both inner and outer walls are made of seasoned California Red Wood, which is the best lumber that can be used for incubators and brooders, as it is claimed to be non-shrinkable, thereby making air-tight machines.

No. 1, 75 egg capacity. **$11.20**
No. 2, 125 egg capacity. **14.40**
No. 3, 165 egg capacity. **17.60**
No. 4, 250 egg capacity. **$20.80**
No. 5, 375 egg capacity. **27.20**
No. 25, 500 egg capacity. **35.20**

The Banner Incubators

THE BANNER—is built double throughout—has a complete inner as well as outer case and the space between each case is thoroughly insulated with felt paper, asbestos and fireproof granite wool.

Special 60 Egg..... **$ 8.00**
No. 100, 100 egg capacity **17.00**
No. 1, 150 egg capacity **22.00**
No. 2, 300 egg capacity.. **$32.00**
No. 3, 450 egg capacity.. **42.00**



Banner No. 100—100 Egg Incubator

Mandy Lee

THE MANDY LEE—Is made in following sizes; all machines except the 60-egg size, will be equipped with a Hygrometer; the machines will have all other attachments furnished.

Prices as follows:

75-Egg Capacity..... **$13.00**
120-Egg Capacity..... **21.00**
150-Egg Capacity..... **$24.00**
200-Egg Capacity..... **27.00**

The International Sanitary Hover

IT is not a center-hover, but is warmest near the curtain. This causes the chicks to distribute themselves around the edge of the curtain, where they have plenty of room and fresh air as well as warmth. **Price: $8.50.**

Indoor Queen Brooders

LAMP HEATED

HERE is a Brooder that you are looking for, as it is well made. Has plenty of room for the chicks when in the hover part and also in the run part.

50 Chick Size..... **$6.40**
125 Chick Size..... **7.20**
165 Chick Size..... **$8.00**
250 Chick Size..... **8.80**

Outdoor Queen Brooders

This is the Best Lamp Heated Brooder Made.

WE furnish free with each brooder a thermometer, drinking fount and run yard. We have them in three sizes. 125-Chick Size, **$11.20**; 165-Chick Size, **$12.80**; 250-Chick Size, **$14.40.**

Mandy Lee Brooder No. 1

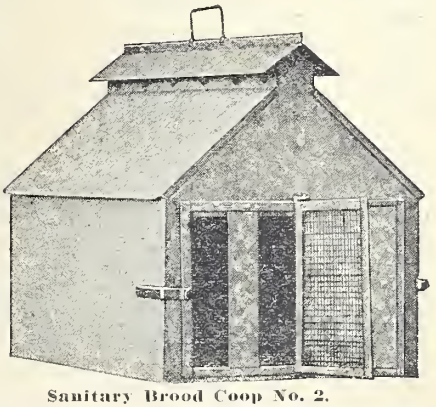
Lamp Heated—Indoor Use Only

THE Mandy Lee Brooder is, of outside dimensions, 3x4 feet in size. It is as large as any 200-Chick brooder on the market, but we call it only 100-Chick size. **Price: $13.00.**

The 60-Chick Brooder

Heated

LAMP, heater, hover construction, cloth and metal parts, and width exactly the same as our "regular" brooder. Length of hover, 30 inches; cat-proof exercising space for the chicks. This brooder is just the thing to go with a 60-egg or 75-egg incubator. **Price: $6.00.**



Sanitary Brood Coop No. 2.

Metal Sanitary Brood Coop

THESE coops are made of galvanized iron with ventilation at top, giving free egress of foul air. Has a three styled door.

No. 2. 17 inches wide, 23 inches long, 19 inches high (see cut). **Price: $1.75.**

No. 12. Round 20 inches in diameter, 14 inches high. **Price: $1.75.**

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JANUARY—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Early Lettuce, Early Onions, Radish.

FEBRUARY—Sow in Hot-Bed—Early Beet, Broccoli, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato.

MARCH—Sow in Hot-Bed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Kohl Rabi, Lettuce, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs. **Sow in Open Ground**—Beans, Beets, Cabbage, Cauliflower, Celery, Carrot, Cress, Leek, Lettuce, Onion, Parsnip, Peas, Potatoes, Radish, Spinach, Early Turnip, Onion Sets.

APRIL—Sow in Hot-Bed—Cucumber, Egg plant, Melon, Pepper, Tomato. **Sow in Open Ground**—Asparagus, Beans, Beets, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cucumber, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melons, Onions, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Tomato, Turnip, Sage, Herbs, Onion Sets.

MAY—Sow in Open Ground—Artichoke, Asparagus, English Beans, Pole Beans, Bush Beans, Beets, Brussels Sprouts, Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Pumpkin, Radish, Rhubarb, Salsify, Spinach, Squash, Tomato, Turnip, Herbs.

JUNE—Sow in Open Ground—Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Lettuce, Melon, Okra, Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Turnip, Rutabaga.

JULY—Sow in Open Ground—Bush Beans, Beet, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl Rabi, Lettuce, Okra, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

AUGUST—Sow in Open Ground—Bush Beans, Corn Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spinach, Squash, Turnip. **Plant** Winter Onions.

SEPTEMBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Winter Radish, Spinach, Turnip. **Plant** Winter Onions. **Write for St. L. S. Co.'s Bulb Catalogue.**

OCTOBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Spinach. **Plant** Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

NOVEMBER—Sow in Open Ground—Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.